

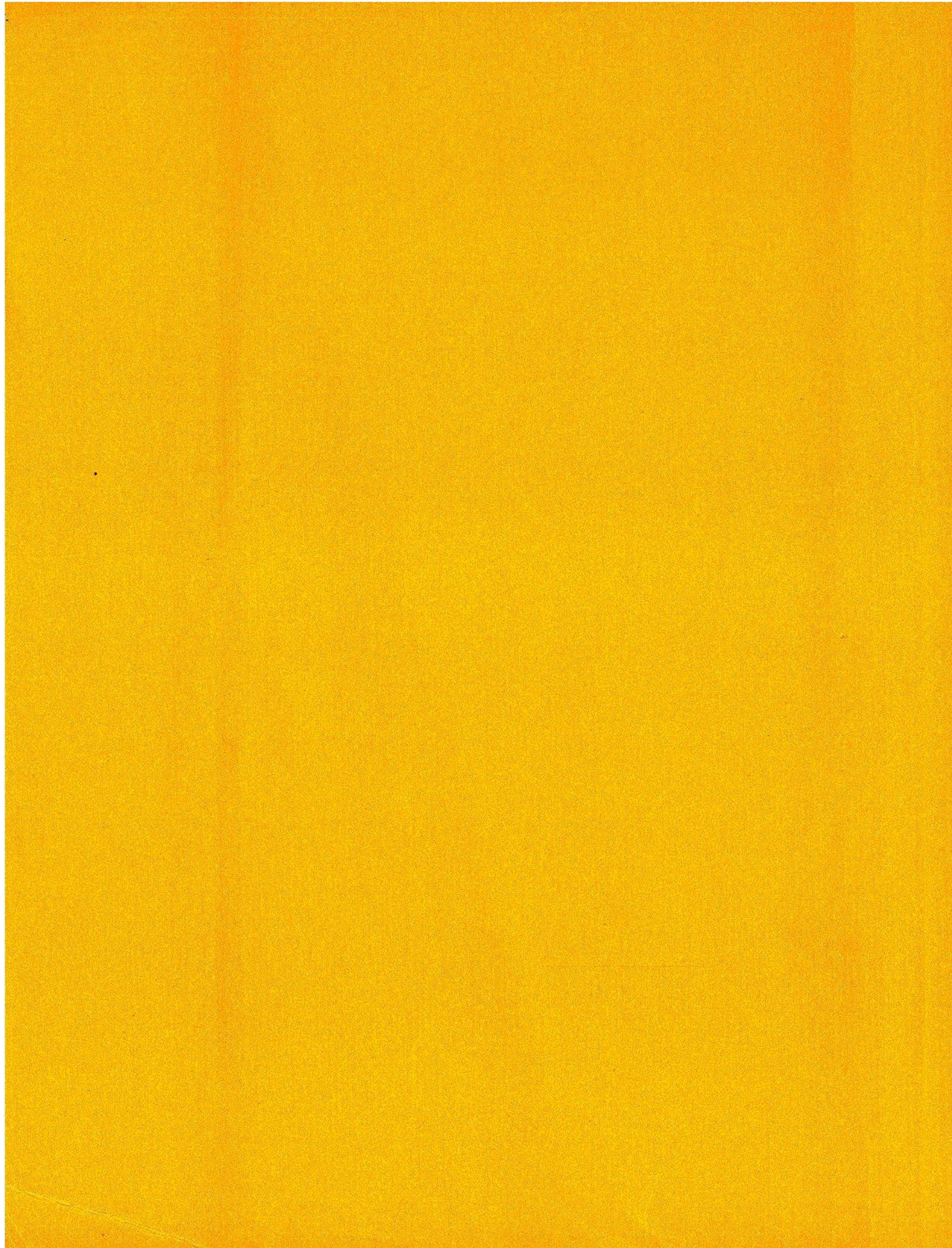
東洋文化研究所
EAST-WEST CENTER

FOURTEENTH ANNUAL REPORT

For the Fiscal Year Ending June 30, 1974

CENTER FOR CULTURAL AND TECHNICAL INTERCHANGE BETWEEN EAST AND WEST

An educational institution of the Government of the United States of America in cooperation with the University of Hawaii



FOURTEENTH ANNUAL REPORT
JULY 1, 1973—JUNE 30, 1974

EAST-WEST CENTER

Center for Cultural and Technical Interchange
Between East and West

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East-West Center
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Honolulu, Hawaii 96822

August, 1974

THE EAST-WEST CENTER was established in Hawaii by the United States Congress in 1960. The Center brings together about 1,500 men and women each year from the many cultures of Asia, the Pacific area and the United States to exchange ideas and experiences. They engage in a variety of cooperative programs of advanced study, mid-career professional development and research applied to seeking solutions to mutual problems.

Formally known as the "Center for Cultural and Technical Interchange Between East and West," the national educational institution is administered in cooperation with the University of Hawaii to further the broad goal of fostering better relations and mutual understanding among the peoples of the United States, Asia and the Pacific area.

For each participant in Center programs from the United States, two participants come from countries in Asia and the Pacific area. They represent more than 40 countries and territories ranging from Japan to Iran, from Micronesia in the Pacific basin to Australia and New Zealand.

Five Institutes with multinational, interdisciplinary staffs conduct the Center's problem-oriented programs in communication, culture learning, food systems, population dynamics, and adaptive technology and development. To provide necessary flexibility in meeting Center goals, a limited number of awards also are offered for graduate study and research by men and women whose academic and professional interests are not directly related to the problem-oriented programs. Details of the programs and general information on grants are given in the following pages.

In many cases U.S. Congressional appropriations for cooperative programs are supplemented by cost-sharing contributions from Asian/Pacific governments, regional agencies and private foundations.

Fundamental to Center goals is the interchange of information, ideas and beliefs in an atmosphere of academic freedom. Center programs combine theory and practice in helping prepare present and future leaders for dealing with real life problems of mutual concern to the peoples of East and West. Because of this emphasis on interchange, the Center is described as a "learning" institution, rather than a "teaching" institution. Experience at the East-West Center in its formative years has led to the conviction that deeper cultural understanding, mutual respect and bonds of trust are achieved when men and women of diverse nationalities and cultures study and work together on

team projects defining, seeking and testing alternative solutions to the common problems affecting the quality of life.

The Center brings together three main types of participants in its programs.

- The largest category each year is composed of short-term participants in professional development projects conducted by the Institutes. The projects are cooperatively designed and financed with organizations contributing to the development of mid-level and upper-level professionals in various fields of endeavor covered by Center programs.

- Awards for degree study, mainly at the graduate level, are made for participants who take their classes—and get their degrees—from the University of Hawaii, while also engaging in complementary study and research in Center programs. The East-West Center awards Certificates to participants satisfactorily completing its programs.

- Fellow awards are offered to distinguished scholars and experienced professionals for research and other activity in Center programs.

To promote cultural interchange and to provide the best thinking from East and West, the professional staff of the Center includes outstanding men and women of a dozen different nationalities, of diverse academic disciplines and wide practical experience. This multi-national East-West Center staff, in association with the University of Hawaii, provides the basis for growing cooperative relationships with universities and other institutions in Asia, the Pacific area and the United States.

An integral part of each Center program is a resource materials collection for the use of scholars, practitioners and institutions. Scholarly works related to Center programs are published as **East-West Center Books** through joint arrangements with the University Press of Hawaii.

Most students and professional development participants live in residence halls of the East-West Center, which is adjacent to the Manoa campus of the University of Hawaii.

The East-West Center is operated under a contract between the University of Hawaii Board of Regents and the Bureau of Educational and Cultural Affairs of the U.S. Department of State. A National Review Board appointed by the Secretary of State represents the national interest in the Center.

Since 1960, nearly 25,000 men and women have participated in East-West Center programs.

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CHANCELLOR'S REVIEW

This has been an exciting year at the East-West Center. There were several developments which indicate that the Center is maturing as a unique educational institution working in a multi-cultural environment.

PROGRAMS

The problem-oriented programs were enriched to provide the capability and continuity necessary for a maturing institution. The substantive program staff increased from 89 to 101, with the number of Ph.D. degree holders increasing from 38 to 43. (See Graph A) New talent was added at the program director level with the appointment of Dr. Lee-Jay Cho, former Assistant Director for Professional Development in the Population Institute, to the Directorship of that institute. His impressive background in demographic work in Korea, Malaysia and at the University of Chicago will provide the impetus for the continuing maturity of the Population Institute.

Through the teamwork of staff and participants, the programs developed and exchanged knowledge useful for policymaking and education related to the specific problems on which the Center is working; and developed, shared and tested instructional materials for universities, schools and in-service training programs. (The Deputy Chancellor's report provides further information on programmatic activities.)

FUNDING

A maturing institution needs diverse funding support. Therefore, Dr. Jerry C. L. Chang, formerly Vice President for Development at the Asian Institute of Technology in Bangkok, was appointed to the newly created position of Deputy Chancellor for Development, effective July 1, 1974. Dr. Chang received M.A. and Ph.D. degrees from the University of Pittsburgh and worked in Ecuador and Nigeria before assuming his position in Bangkok in 1968. Dr. Chang will oversee the Center's Development Plan which envisages a concerted, well-planned fund drive in Asia, the Pacific and North America to raise at least one-third of our total funds from external, non-appropriated sources by 1981.

AUTONOMY

To continue to mature as a national educational institution with genuine multinational involvement, the East-West Center requires its own policies and procedures and the ability to solicit and receive external funds. In addition, its salary schedules should be nationally and internationally competitive in order to attract and retain staff of high quality.

Therefore, the Center, the Department of State, the Center's National Review Board, and the Board of Regents and Administration of the UH established a committee to examine the feasibility of establishing in Hawaii an independent public educational corporation to operate the East-West Center. This step would recognize the contributions of the UH in building the Center to a stage of maturity where it can operate autonomously from both the UH and the Department of State in order to enhance the national and international identity of the Center and provide administrative flexibility to deal with multinational problems.

The executive committee of the National Review Board recommended at a June 21, 1974, meeting that plans be worked out to establish the corporation. These plans will be submitted to the fall meeting of the National Review Board and the UH Board of Regents for further action. At the conclusion of the June meeting, Acting Governor George Ariyoshi stated:

"The public corporation to be established under the laws of the State of Hawaii should permit the East-West Center to play an even greater part in Hawaii's role as a meeting ground for East and West. Governor Burns and all of us who have supported the East-West Center from its inception have recognized the national character and importance of the East-West Center. We are proud that Congress chose to establish the Center in Hawaii. We believe that the strengthened international character resulting from public incorporation will result in increased support not only from Congress, but from Asian and Pacific nations which send some of their best men and women here to work together in our multinational society. I feel very strongly that autonomy for the East-West Center is important in accomplishing its mission as a national institution and that the success of the Center is tied closely with the success of the University of Hawaii."

Assistant Secretary of State John Richardson stated after the meeting:

"The proposal adopted by the Executive Committee follows a course wholly consistent with the main trend of international affairs and the realities of the Center's environment and its constantly maturing character. I am confident also that putting the Center on this new footing will enhance the thriving partnership between it and the University of Hawaii."

MULTINATIONAL PARTNERSHIP

In order to more clearly approach the Center's goals of building an educational institution and promoting understanding between East and West, efforts were continued to further increase the cooperative, multinational character of the Center. It is clear that the Center cannot achieve real mutuality between East and West without international involvement at all levels. The move toward autonomy will strengthen the basis for international involvement in funding and governance.

In addition, during the past year the Center increased the number of international professional staff members from 24 to 30 (nearly one-third of all our professional employees). These new staff members included professionals from Sri Lanka, India, Bangladesh and Taiwan. International staff members at the executive level were also increased with the addition of Dr. Lee-Jay Cho, a Korean, as Director of the Population Institute, becoming the third international program director (Dr. Manuel Alba, from the Philippines, is Director of the Technology and Development Institute; and Dr. Verner Bickley, a citizen of the United Kingdom with long experience in Asia with the British Council, is the Director of the Culture Learning Institute). The new Deputy Chancellor for Development, Dr. Chang, was born and raised in China.

International involvement at the programmatic level was increased with the formation of about 135 international cooperative teams to carry out projects in Center programs designed specifically to promote understanding and better relations through working on mutual problems. International participants in these projects included some 1,300 researchers, university professors, and leaders of government, business and education. Some 400 international graduate students were also involved in Center programs. Cooperative relationships were worked out with 115 research and educational institutions, government agencies and international organizations in the U.S., Asia and the Pacific for these projects.

PROGRAM BUILDING

A maturing institution requires additional space to accommodate its developing programs. The legislature of the State of Hawaii appropriated \$8,100,000 for the construction of a new program building for the East-West Center. The architect completed an initial study and report on the physical requirements of our programs in the new building and has begun the design. The building will be 136,000 square feet of space, four stories high, and consistent with the design of present East-West Center buildings. Emphasis in design will be placed on flexibility and interchange between staff, participants and institutes. The final blueprints are scheduled for completion by December 1974, with construction beginning in mid-1975 for completion in mid-1977. This new building will provide the Center with the additional space required to house its developing programs and carry out essential research and training activities.

LEARNING TO LEARN

As we approach maturity, we realize that learning is a continuing process. We have been committed to the problem-oriented approach for the last four years. The underlying assumption for establishing the problem-oriented programs was to provide a catalyst for cultural interchange by bringing individuals from many cultures to work together on problems of mutual concern to East and West. We are convinced that the approach is valid and proving successful. However, as our programs have matured, we learned that this approach does not only solve problems; it creates others.

We have been forced to tackle the knotty problems of building international, interdisciplinary, interprofessional teams which are able to work together cooperatively. Developing any one of these team characteristics in a multicultural atmosphere is a challenge. Attempting to combine them makes the task formidable. As a result, we are all learning that we have to learn in the process. No one has all the answers to building these unique teams. However, I am encouraged by the progress and maturity achieved during the past four years. We are moving in the right direction and as we continue to learn from our experiences I am confident that we will be able to more nearly approach the critical mass required for achieving full results from these team efforts.

As we have experimented with this approach, we have learned to live with instability, uncertainty and frustrations. I hope that we have also learned respect for other cultures, disciplines and professions. If we have stimulated this learning process, we have made an important advance toward building understanding and better relations in our global village. We hope that such learning will help as we move toward the maturity of living in a world where differences are appreciated and, therefore, fostered.

EVERETT KLEINJANS
CHANCELLOR

REPORT OF THE DEPUTY CHANCELLOR

PROGRAM DEVELOPMENT

During FY 74 the Center continued to progress as the academic programs gained added strength through the filling of program staff vacancies frozen in response to federal outlay controls in the previous year; the further refinement of problem areas; the consolidation of all institute activities within the framework of problem, subdivision and projects; and new leadership in three programs.

Dr. Wilbur Schramm, formerly Director of the Communication Research Institute of Stanford University, who joined the Center as Director of the East-West Communication Institute at the close of FY 73, led his staff through major reformulation of the Institute's program. They strengthened efforts in international communication, added a major long-term thrust in Popular Culture, and recruited national and international staff members.

Dr. Manuel Alba, formerly Director of the Philippine Task Force on Higher Education and Director of the Graduate School of Business Administration at the University of the Philippines, who joined the Center as Director of the East-West Technology and Development Institute at the close of FY 73, guided his staff through further clarification of the optimum contributions of the Institute to the generation and application of knowledge of the interrelationships of technology and development, and recruited national and international academic staff to carry out these ideas.

As the year ended, Dr. Lee-Jay Cho, Assistant Director for Professional Development in the East-West Population Institute, was appointed Director, and began the important work of building more research teams and even closer integration of the Institute's projects.

The Culture Learning Institute completed its move into the temporary buildings on the Center's campus, formerly the Counseling and Testing Center complex occupied by University of Hawaii activities. This relocation also permitted expansion and shifting of program spaces for all the other institutes within Lincoln Hall.

The Population and Communication Institutes received three-year grants from the Agency for International Development providing continuing support of institute projects and activities and funding for participants, and on a rapidly declining basis, support for core staff positions.

As the attached tables indicate, in spite of rapidly rising costs, the number of high level senior professional participants in Center projects and activities increased, the number of fellows and students remained about the same or declined slightly. A study of institute sections which follows reveals that contributions to knowledge and the application of knowledge by Center staff and participants in the form of books, research reports, articles, prototype curricula, instructional materials and media increased steadily.

PROGRAM COORDINATION

After considerable discussion by committees and the attention of the Directors' Workshop, further elaboration of the Center's programmatic structure was undertaken. In effect, the steps completed the 1970 reorganization of the Center. Programming, staffing, budgeting, accounting and evaluating were organized on the same principles. The problem, its major conceptual subdivision, its constituent projects, and their constituent activities provided the pattern of organization for all these functions. All participants were involved in projects and activities cooperatively designed by the programs. The forming of interdisciplinary, international teams for projects gained major importance. Recruitment of fellows, professional and graduate students was refined and their involvement with one another in these projects given greater thrust. During FY 74 the East-West Center developed further as an educational institution using research and development projects as the basis for shared learning and study. (See Table B)

One of the major achievements of the Center staff came through the work of the EWC Ad Hoc Committee on East-West Center Project Criteria. After six months of work the committee, representing all programs and types of program staff, produced a statement of criteria which was recommended by the Council of Directors to the Chancellor for adoption as Center policy. The policy was approved on November 27, 1973 and used to review projects for FY 75 and to plan the projects incorporated in the FY 76 budget request. It states the following:

The Center pursues its goals through integrated advanced education, cooperative research and professional development projects built around real-life problems mutually consequential to East and West. In brief, in each program, degree-seeking students, senior scholars and administrators, and other professionals for whom grants are provided, or who are affiliated with cooperating institutions, gather with a multidisciplinary staff around mutual human problems in which they have expressed a concern. The staff organizes their research, education and professional development activities so as to cause participants to interact on an interdisciplinary basis in pursuit of alternative solutions. The participants come from widely diverse cultures. They bring to bear upon these problems different specializations of knowledge and experiences. Thus, cultural and technical interchange is the means of working together on mutual problems to achieve mutual understanding and better relations.

For East-West Center purposes a project is the basic unit of program operation. A project is defined as a coherent set of individual and group activities. A project is a subset of the problem subdivisions of an institute and is more than an individual's activity.

The following criteria, to be applied to the development and evaluation of each project, are evidential tests that the preceding statement of principle is reflected in each institute project. These criteria are not to be used for relative ratings between projects. Each project should:

- a. be multinational in focus, in staff, in composition, or in dissemination.
It is desirable to have all four.
- b. be cooperatively designed, implemented, supported, and evaluated.
Evidence of cooperation includes cost-sharing co-directing, co-sponsoring, co-hosting, and exchange of staff and participants.
- c. be related to problem and subdivision objectives as defined by the respective institutes.
- d. professionally involve EWC program staff as members of an interdisciplinary team. At least one EWC program staff member will be a principal investigator coordinator.
- e. be carried out at the East-West Center, although some project activities may be carried out elsewhere.
- f. involve a cross section of EWC participants and program staff.
- g. include participants who come from both Asian/Pacific countries and the United States and who return to their respective institutions and countries of origin to share and use their experience.

Meeting the criteria requires program planning and project design to become even more internationally cooperative and thus assures East-West input into the design, conduct and evaluation of the Center's academic activities while strengthening accountability of each program and the Center as an institution.

A joint committee composed of those concerned with professional development, research and graduate study helped review the design and development of the new computer-based program planning, budgeting and evaluation data system.

The Publications Advisory Board and the Visual Arts Committee were revised, their functions clarified, and their operations continued. Other Center committees concerned with degree students, professional development met regularly and the research and fellows committee met upon call.

While each program expanded its institutional relations in participating countries and U.S. mainland, the Chancellor's Office continued its efforts to work out memoranda of understanding with U.S. binational commissions in India, Nepal, Sri Lanka and Pakistan regarding services for

the Center and the exact nature of partnership with these commissions. Agreements were reached in India and Pakistan. The commissions became the channels of communication and administrative agents for the Center in these countries and began to take an active role in assisting the Center in obtaining top-flight project participants.

FORWARD PLANNING

Planning and evaluation activities were strengthened by the arrival of Dr. Arnold Lieberman, Special Assistant for Planning and Evaluation to the Deputy Chancellor for Academic Affairs. Dr. Lieberman was formerly with Carnegie-Mellon University, Graduate School of Industrial Management, and the Rand Corporation. As the year ended, Mrs. Joy McLarty, experienced in program evaluation, joined Dr. Lieberman and bolstered staff resources in evaluation. Filling of these two positions, held vacant to meet outlay ceilings in FY 73, gave skillful and requisite energy for planning and evaluation.

The activities of forward planning, taken here in rough chronology, consumed major portions of the energies of Center staff. A committee for the New Building for Center programs, composed of representatives from each program or office slated for occupancy, was formed to work with the architects, State of Hawaii departments, and University of Hawaii planners. Detailed projections of program requirements were developed, working relationships and functions of staff and participants outlined, and desirable architectural features identified. The Committee will continue to function until construction is completed and the building is occupied.

For the first time the Center had the data to prepare for the Department of State and Office of Management and Budget a document analyzing program at project levels, accomplishments for the year, and changes in program and participant projections for future years. Thus what was happening in Center programs substantively, i.e. in projects, was identified and related to institute problems and their subdivisions and to participants. Budgeting and accounting information tied to projects was not available but should be by FY 75.

A Long Range Development Plan for the East-West Center 1975-1981 was prepared for the National Review Board and the Department of State. Major features of the plan included expansion of external funding, roughly one dollar for each two dollars of appropriations; commitment of increases in Congressional appropriations primarily for building the model size core staff in each institute, handling mandatory increases for the staff, and for two additional problem-oriented institutes and determination to seek increases in external funds for projects and participants for all increases beyond current levels.

As the Chancellor has indicated in his statement major energies were devoted for some six months to the analysis of issues, development of data, and discussions with concerned parties regarding the incorporation of a non-profit, educational corporation in Hawaii to operate the East-West Center in behalf of the Department of State. Staff committees and a joint Center-University administrative committee were established to assist in the analysis. As the fiscal year concluded, agreement in principle had been reached on incorporation and analytical work was continuing.

In cooperation with all programs and offices, and especially with the Office of Administration, a computer-based system linking program planning, budgeting, and evaluation data was designed, developed, and employed during the year in planning and budgeting for FY 75 and 76. With University of Hawaii concurrence a revised accounting system keyed to the same rationale was developed in parallel. The data system provides not only activity and project level budgets for every unit and the total Center for all sources of funds, but also all planning data in updateable worksheet form. Reports of the system include project and activity calendars, country plans, projections of participants of all types by country, funding by institutions involved in cost sharing by country and project, rough drafts of project prospectuses, drafts of research and development project bulletins, and use of manpower by programs.

Work continued on planning for two new institutes most likely to be established after the completion of building core staff in existing institutes. One would draw heavily upon the humanities and human service professions in relation to the international problem of quality of life in cities. Fellows on open grants, gathered round the theme of "The Urban Environment in the Contemporary Spirit," permitted the Center to continue dialogue on this problem. Consultations with interested parties and institutions in Asia, the Pacific and the mainland U.S. also continued on the problem and possible program design.

The second new program would draw heavily upon the environmental and policy sciences as they relate to the international dimensions of environmental cooperation, policies, and sanctions. During FY 74, consultations with interested agencies, institutions and individuals continued. A consultants meeting held in Hong Kong, June 14-16, 1974 brought together a group of distinguished environmental scientists and science administrators to help identify the proper process for defining the problem of environment and policy, appropriate people and institutions with whom to cooperate, and possible substance and process structures embodying truly mutual concerns. The following persons participated:

Dr. B. D. Nag Chaudhuri, Scientific Advisor to the Minister of Defense, Government of India; Dr. Yujiro Hayashi, President, Institute for Future Technology, and Professor of Tokyo Institute of Technology; Dr. Z.A. Hashmi, Director, National Science Foundation/Pakistan; Dr. Sook-Pyo Kwon, Director, Institute for Environmental Pollution Research, Yonsei University; Rio Rachwartono, Executive Secretary, Environment Committee, Indonesian Institute of Sciences; Dr. Dale W. Jenkins, Director, Ecology Program, Smithsonian Institution; Dr. Boonrod Binson, Committee of Coordination and Investigation, ECAFE/United Nations, Bangkok; I. L. Baumgart, Commissioner for the Environment, Commission for the Environment, New Zealand; Dr. Jack R. Davidson, Director, Sea Grant Program, University of Hawaii; Dr. John A. Brownell, Deputy Chancellor for Academic Affairs, and Dr. Arnold Lieberman, Special Assistant for Planning and Evaluation to the Deputy Chancellor for Academic Affairs.

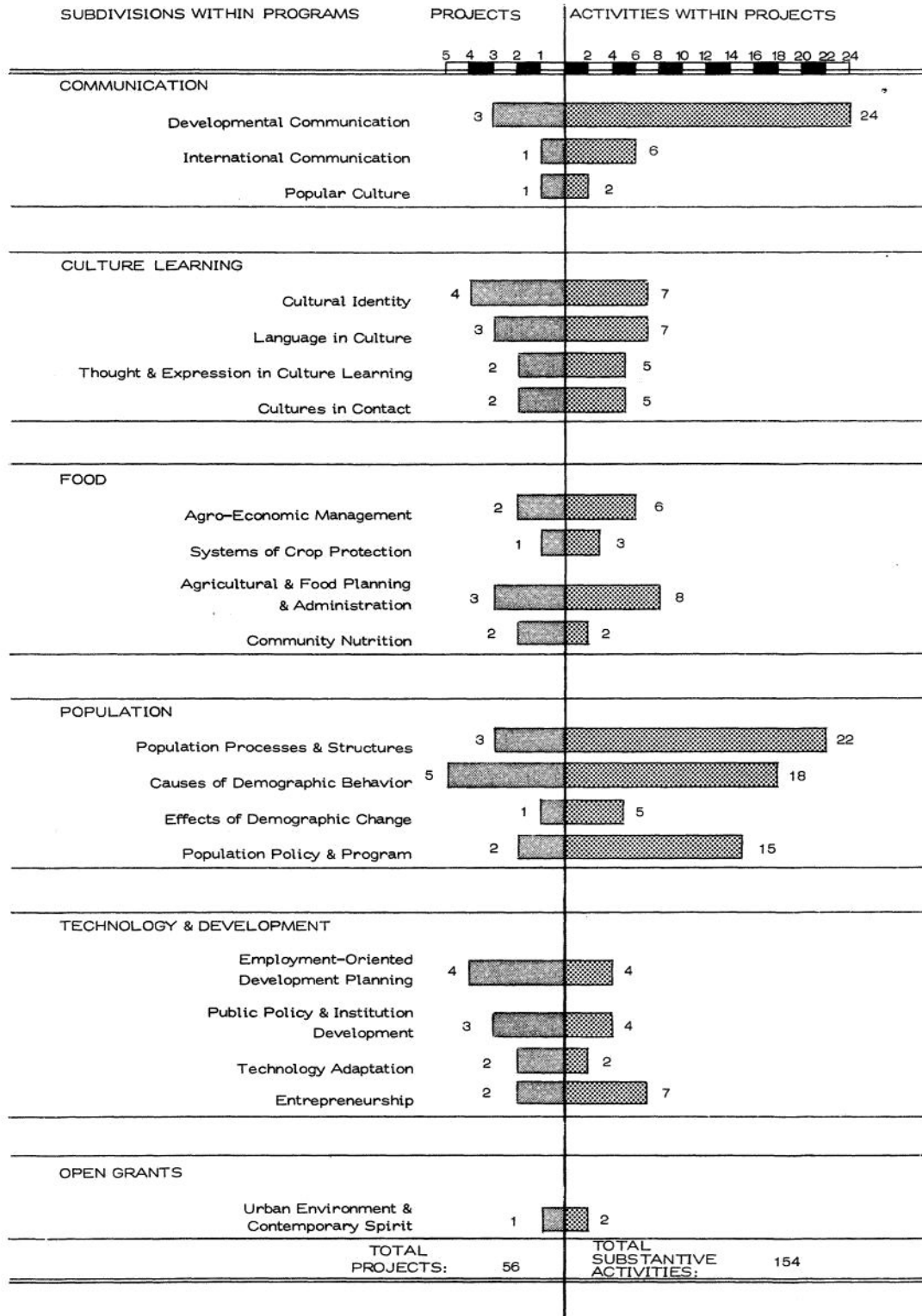
EVALUATION

With the additional staff resources mentioned above, evaluation activity began to increase in FY 74. The expansion of basic program data, the clarification of institutional research data, the production of analytic studies on participants and programs, the use of project criteria for formative evaluation of plans consumed major parts of these new energies. Two steps were taken in the development of a comprehensive evaluation plan for the Center: the structure of the logic of Center goals and Center program objectives was clarified and objective statements were strengthened, and Center alumni in Asia were interviewed for suggestions on the design of evaluation of program accomplishments and for the roles they believed alumni were willing to play in the evaluation process.

Evaluation activity will garner increasing attention during FY 75 as the basic program planning budgeting and evaluation data system have been developed and as corollary systems on Participant Data and Admissions will have related more closely during the first quarter of the year.

JOHN A. BROWNELL
DEPUTY CHANCELLOR

EAST-WEST CENTER PROGRAMS
FY 74



APPENDIX B

EAST-WEST CENTER TOTAL PARTICIPANTS BY COUNTRY OF ORIGIN

1960 - June 30, 1974

	Total 1960 - 1973	Intake FY 73 - 74	TOTALS
Afghanistan	41	7	48
Australia	505	10	515
Bangladesh	15	10	25
British Solomons	91	3	94
Brunei	1		1
Burma	20		20
Cook Islands	92	6	98
Fiji	495	41	536
Gilbert & Ellice	36	2	38
Guam	277	2	279
Hong Kong	81	18	99
India	323	29	352
Indonesia	332	88	420
Iran	2	5	7
Japan	3998	40	4038
Khmer Republic	15		15
Korea	682	96	778
Laos	66	3	69
Malaysia	192	46	238
Nauru	5	1	6
Nepal	63	5	68
New Caledonia	164	3	167
New Hebrides	185		185
New Zealand	263	9	272
Niue	13	2	15
Norfolk Isle		1	1
Pakistan	129	17	146
Papua New Guinea	69	15	84
Philippines	499	118	617
Republic of China	1184	41	1225
Samoa, American	1114	15	1129
Samoa, Western	490	15	505
Sikkim	2		2
Singapore	109	11	120
Sri Lanka	43	7	50
Tahiti	16	3	19
Thailand	773	102	875
Tibet		1	1
Tonga	162	8	170
Trust Territory	1843	44	1887
Vietnam	59	9	68
Wallis-Fatuna Is.	1		1
 A/P SUBTOTALS:	 14452	 833	 15283
 U.S. SUBTOTALS:	 2724	 269	 2993
non-A/P or U.S.:	59	38	99
Conference, etc.:	6319		6319
 SUBTOTALS:	 23554	 1140	
 GRAND TOTAL:			 24694

APPENDIX C

EAST-WEST CENTER CURRENT PARTICIPANTS BY COUNTRY OF ORIGIN

July 1, 1973 - June 30, 1974

	DEGREE STUDY										RESEARCH			PROFESSIONAL DEVELOPMENT						
	TOTALS		BA		MA		PhD							Hawaii		Field				
	TOTAL	carryover	new	SUBTOTAL	carryover	new	SUBTOTAL	carryover	new	SUBTOTAL	TOTAL	carryover	new	TOTAL	carryover	new	SUBTOTAL	carryover	new	SUBTOTAL
Afghanistan	14	10	3	3	3	3	6	1	1				4	4	4					
Australia	16	7			3	1	4	3	3	3		3	6	5	5	1	1			
Bangladesh	12	2			1		1	1	1				10	8	8	2	2			
British Solomons	3												3	2	2	1	1			
Cook Islands	6												6	4	4	2	2			
Fiji	44	1		1	1				1	1	1	42	2	19	21	21	21			
Gilbert & Ellice	2												2	2	2					
Guam	3												3	1	2	3				
Hong Kong	24	10			2	5	7	3	3	1	1		13	13	13					
India	57	30		14	3	17	13	13	13	4	1	3	23	22	22	1	1			
Indonesia	103	10			8	8	2	2	2	6	5	1	87	8	77	85	2	2		
Iran	5												5	3	3	2	2			
Japan	60	27		10	6	16	7	4	11	6	3	3	27	27	27					
Korea	126	38		13	7	20	17	1	18	2		2	86	83	83	3	3			
Laos	12	11	9	2	11								1	1	1					
Malaysia	59	16	5	5	4	3	7	3	1	4	1	1	42	37	37	5	5			
Nauru	2												2	1	2					
Nepal	7	2			1		1	1	1				5	5	5					
New Caledonia	3												3	2	2	1	1			
New Zealand	11	3		1	1	2	1	1	1				8	5	5	3	3			
Niue	3	1	1	1									2	2	2					
Norfolk Isle	1												1	1	1					
Pakistan	37	26		10	4	14	10	2	12				11	11	11					
Papua New Guinea	18	3	1	2		2							15	13	13	2	2			
Philippines	143	30		15	6	21	7	2	9	4	2	2	109	1	89	90	19	19		
Republic of China	58	24		11	7	18	6	6	6	2			32	29	29	3	3			
Samoa, American	15												15	13	13	2	2			
Samoa, Western	17	2	2	2									15	10	10	5	5			
Sikkim	1	1	1	1																
Singapore	13	4	1	1	2	1	3						9	8	8	1	1			
Sri Lanka	10	4		2		2	1	1	2				6	4	4	2	2			
Tahiti	3												3	2	2	1	1			
Thailand	120	31		14	9	23	4	4	8	3		3	86	77	77	9	9			
Tibet	1												1	1	1					
Tonga	9	2	1	1	1	1							7	4	4	3	3			
Trust Territory	56	11	8	8	2	2	1	1	1				45	2	39	41	4	4		
Vietnam	9	1					1	1	1				8	7	7	1	1			
A/P SUBTOTALS:	1083	307	31	3	34	111	65	176	80	17	97	33	13	20	743	15	632	647	96	96
U.S. SUBTOTAL:	372	125		59	32	91	30	4	34	36	14	22	211		200	200	11	11		
non-A/P or U.S.:	38	1					1	1	1				37		36	36	1	1		
TOTALS	1493	433	31	3	34	170	97	267	110	22	132	69	27	42	991	15	868	883	108	108

APPENDIX D

EAST-WEST CENTER CURRENT PARTICIPANTS BY INSTITUTE

July 1, 1973 - June 30, 1974

INSTITUTE	TOTALS		DEGREE STUDY									RESEARCH		PROFESSIONAL DEVELOPMENT							
			BA			MA			PhD					Hawaii		Field					
			TOTAL	carryover	new	SUBTOTAL	carryover	new	SUBTOTAL	carryover	new			SUBTOTAL	TOTAL	carryover	new	SUBTOTAL	carryover	new	SUBTOTAL
Communication	318	48				28	16	44	2	2	4	11	2	9	259		151	151		108	108
Culture Learning	233	84	2	1	3	34	24	58	20	3	23	10	2	8	139	12	127	139			
Food	188	71	1		1	28	13	41	22	7	29	17	9	8	100		100	100			
Population	352	53				15	16	31	19	3	22	7	3	4	292	1	291	292			
Technology & Development	269	89				44	11	55	29	5	34	18	10	8	162	2	160	162			
Open Grants	94	88	28	2	30	21	17	38	18	2	20	6	1	5							
Center-wide	39														39		39	39			
TOTALS:	1493	433	31	3	34	170	97	267	110	22	132	69	27	42	991	15	868	883		108	108

APPENDIX E

EAST-WEST CENTER TOTAL PARTICIPANTS BY COUNTRY OF ORIGIN

1960 - June 30, 1974

	TOTALS		DEGREE STUDY			SUBTOTAL RESEARCH		PROFESSIONAL DEVELOPMENT	
		SUBTOTAL				SUBTOTAL	SUBTOTAL		
			bachelors	masters	doctorates			Hawaii	field
Afghanistan	48	33	23	8	2	1	14	14	
Australia	515	47	1	32	14	21	447	27	420
Bangladesh	25	5		4	1		20	18	2
British Solomons	94						94	16	78
Brunei	1	1	1						
Burma	20	19	1	18			1	1	
Cook Islands	98	2	1	1			96	25	71
Fiji	536	28	26	2		2	506	115	391
Gilbert & Ellice	38						38	37	1
Guam	279	1	1				278	57	221
Hong Kong	99	39		35	4	6	54	48	6
India	352	190	1	146	43	51	111	110	1
Indonesia	420	78	13	58	7	29	313	257	56
Iran	7						7	5	2
Japan	4038	299	1	276	22	79	3660	898	2762
Khmer Republic	15	6	4	2			9	9	
Korea	778	218		182	36	49	511	249	262
Laos	69	50	48	2			19	19	
Malaysia	238	87	37	45	5	6	145	132	13
Nauru	6						6	6	
Nepal	68	29	4	22	3	4	35	13	22
New Caledonia	167						167	25	142
New Hebrides	185						185	17	168
New Zealand	272	27		23	4	7	238	43	195
Niue	15	1	1				14	11	3
Norfolk Isle	1						1	1	
Pakistan	146	107		74	33	20	19	19	
Papua New Guinea	84	7	5	2		1	76	69	7
Philippines	617	241		211	30	41	335	238	97
Republic of China	1225	163	1	153	9	32	1030	363	667
Samoa, American	1129	12	11	1			1117	211	906
Samoa, Western	505	8	8			2	495	115	380
Sikkim	2	2	2						
Singapore	120	21	7	14		1	98	36	62
Sri Lanka	50	30		27	3	7	13	10	3
Tahiti	19	2	2			1	16	13	3
Thailand	875	173		157	16	24	678	308	370
Tibet	1						1	1	
Tonga	170	10	8	2			160	62	98
Trust Territory	1887	43	35	6	2	1	1843	865	978
Vietnam	68	39	14	24	1	1	28	24	4
Wallis - Fatuna	1						1	1	
A/P SUBTOTALS:	15283	2018	256	1527	235	386	12879	4488	8391
U.S. SUBTOTAL:	2993	778	16	663	99	251	1964	1820	144
non-A/P or U.S.:	99	1			1	1	97	97	
Conferences, etc.:	6319						6319	5909	410
TOTALS:	26494	2797	272	2190	335	638	21259	12314	8945

APPENDIX F

EAST-WEST CENTER TOTAL DEGREE STUDENTS* BY FIELD OF STUDY

1960 - June 30, 1974

FIELD OF STUDY	previous years FY 61 - 73	on board FY 74	FIELD OF STUDY	previous years FY 61 - 73	on board FY 74	FIELD OF STUDY	previous years FY 61 - 73	on board FY 74
Accounting	2		Education, Hist	3		Medical Technology	1	1
Ag Economics	61	21	Education, Sec	17	2	Medicine		2
Ag Engineering	15	2	Education, Special	1		Meteorology	5	
Ag General	6		Educ Administration	31	4	Microbiology	22	
Ag Tropical	22	4	Educ Communication	6	5	Music	16	1
Agronomy	13		Educ Foundations	13	2	Music Education	1	
Agronomy & Soils	1	9	Educ Philosophy	4		Nursing Education	1	
Amer History	1		Educ Psychology	40	2	Nutrition	9	1
Amer Studies	49	11	Engineering, Civil	44	9	Oceanography	5	4
Amer Studies/OCP	1		Engineering, Elec	32	13	OOP (Overseas Op)	43	
Animal Science	23	2	Engineering, Gen	1	1	Oriental History	1	
Anthropology	55	15	Engineering, Mech	11	3	Pac Is Studies	4	6
Architecture	3	3	Engineering, Ocean	1	3	Pac Urb Studies		1
Art	11	2	English Lang	36		Pharmacology	5	3
Art History	15		English Lit	9	4	Philosophy	58	6
Arts & Sciences	3	6	English Studies	12		Physical Chemistry	1	
Asian Art Hist	2		Entomology	29	3	Physics	17	3
Asian History	1		ESL	11	10	Physiology	1	
Asian Studies	161	12	Ethnomusicology	6	2	Planning, City	2	
Asian Studies/OCP	2	1	European Studies	2		Plant Pathology	11	4
Astronomy		1	Food Science	14	4	Plant Physiology	3	
Biochemistry	5		Genetics	6	2	Political Science	166	33
Biology	2	1	Geography	49	26	Political Sci/OCP	2	
Biophysics	2		Geology	9		Poultry Science	4	
Botany	27	2	Geology & Geophysics	2	2	Pre-Law	1	
Bus Admin	77	11	Geoscience	2		Pre-Medical	1	1
Bus Admin/OCP	1		Government	21	1	Pre-Pharmacy	1	
Bus Economics	1		History	133	18	Psychology	36	11
Ceramics	1		History/OCP	2		Public Admin	9	1
Chemistry	28	2	Home Economics	2	1	Public Health	33	9
Child Devpt	1		Home Econ Educ	1		Public Health Educ	1	
Chinese as 2nd Lang	1		Horticulture	32	10	Public/Intl Affairs	2	
Chinese History	2		Horticulture Tropical	1		Recreation	1	
Chinese Lang	14	1	Industrial Mgmt		1	Social Psychology	3	
Chinese Lit	6	1	Information Sciences	11	6	Social Work	29	9
Chinese Studies	5		Institution Building	1		Social Science		1
Clinical Psych	1	1	Intl Agric Devpt	1		Sociology	54	14
Communication	1		Intl Relations	1		Sociology/OCP	1	
Comparative Educ	2		Japanese Language	11	1	Sociology, Rural	2	
Comparative Phil		1	Japanese Literature	1	2	Soil Science	56	1
Counseling	1		Japanese Studies	2		SE Asian History	2	
Demography	1		Journalism	3	1	Speech	5	
Drama & Theatre	28	6	Library Science	11		Speech Communication	12	11
East Asian Hist	3		Library Studies	16	1	Speech Path & Aud	3	1
Economic/Soc Devpt	1		Linguistics	57	16	Statistics		1
Economics	107	28	Marine Biology	2		TESL	177	1
Economics/OCP	2		Marine Zoology	1		TESL/OCP	1	
Education	39		Marketing	1		TIM	11	3
Education, Elem	16	1	Mass Communication	1		Zoology	32	3
			Mathematics	15	2			
						TOTAL	2391	433

* Degree students include International Development Fellows (IDF) and Joint Doctoral Interns

EAST-WEST COMMUNICATION INSTITUTE

An area of prime concern to both East and West is the power of communication to increase or diminish mutual understanding and cooperative relations among nations and cultures. Another concern is the role communication can play within nations trying to develop a better quality of life for their people. A third is the nature and impact of popular culture, which, especially in the entertainment media, affects all human life and society and represents a large share of the communication exchanged between nations and cultures.

The Communication Institute's program addresses problems in all these areas through the following subdivisions: Developmental Communication, International Communication and Popular Culture. In each subdivision, the Institute conducts research and analysis, offers workshops and courses leading to professional development, arranges seminars for discussion of key questions, offers grants for graduate study, provides information services, and publishes books and papers.

The Developmental Communication Subdivision, which has received generous grant support from the U.S. Agency for International Development and others, has the largest number of activities. During the past year these have been organized into three distinct but related projects: theory; technology and instruction; and application of knowledge. The International Communication and Popular Culture subdivisions are newer and to date have been less generously supported, but will be developed substantially over the next few years.

Over 400 participants joined in the Institute's 32 multinational, multicultural and multidisciplinary activities. These included 49 degree students from 12 countries or territories of Asia, the Pacific and the U.S. These include four Ph.D. candidates among the 20 disciplines studied. (See Appendix D) Thirty-five of these students took part in Institute-directed field study during the year.

This also included 237 professional development participants involved in 11 activities, including the first of several planned Modular Programs in population information, education and communication. It also included nine communication documentation interns. (See Appendix C)

Ten Fellows (see Appendix B) joined staff and students in conducting the multifaceted, multilevel program of the Institute. The activities are reported in detail in the following pages--a matrix-index appears as Appendix A.

DEVELOPMENTAL COMMUNICATION

Activities in this area in the first years of the Institute were largely directed toward creating an institutional capability as a resource base for the communication components of population and family planning programs. A major effort was made to study ways in which public information, motivational communication and informal education can help combat the negative effects of population growth on personal and societal well being. In response to increasing awareness among development scholars that all areas of development knowledge must move ahead together, the Institute is synthesizing and making available results of its own learning and experience in the population area for application in other areas of developmental communication, as well as broadening its own areas of inquiry and action. Continuing and new activities have been grouped into three projects reflecting this new approach. The "theory" project addresses the "why" questions--the basic theoretical understandings--of the use of communication in development. The "technology and instruction" project concentrates on the innovative use of media and technology and on models of excellence in the use of communication for instruction. The "application of knowledge" project is designed to facilitate better and wider use of existing knowledge, both by actively sharing knowledge which can improve communication for development and by studying the processes of its application.

The objectives discussed in the description of each project area reflect the Institute's commitment to exploring the role of communication within nations trying to develop a better quality of life for their people.

THEORY

During FY 74 the theoretical aspects of the roles of communication in development were established as a separate area of research at the Institute. It is obvious that economic and social development can no longer be understood as a single pattern and analyzed by a single model. Different nations have different goals for development, and are moving toward them in different ways. There is considerable overlap between these models, but still it is evident, for example, that China is moving toward development along a path considerably different from the one followed with such spectacular success by Japan, and that Tanzania is using a model different from that of Israel. The basic theories underlying these different models of development, and particularly the communication theories espoused or used in achieving their goals, have received increased attention in the Institute in FY 74. A Summer Program of Advanced Study, jointly conducted with Stanford University, will begin this year to examine the basic questions of how communication relates to development plans. In this year's session, six countries will be studied closely: China, India, Bangladesh, Tanzania, Ivory Coast and Mexico.

The "theory" project's overall objectives are: 1) By cooperative research and conferences, to help illuminate some of the "how" and "why" questions--the basic theoretical understandings--of the use of communication in support of development; 2) To analyze, interpret and summarize where necessary the knowledge and assumptions of East and West concerning the theory and strategies of using communication in development; 3) To help share widely between East and West the conclusions that result from such research and analysis; and 4) To build a structure and an example for cooperative work between East and West, and between nations of Asia and the Pacific on theories and strategies of using communication in development.

ACTIVITY 1: China's Use of Communication: The first case study taken up by the Institute involves the People's Republic of China, where the use of communication through both mediated and interpersonal channels has played essential roles in its course of development. The research has explored the following questions: 1) How has communication been used to change the age-old social structure of China as a step toward the elimination of surplus value and the accumulation of capital?; 2) What new patterns of cooperation and competition essential for the massive use of manpower are utilized, and what are the roles of communication in motivating and maintaining these patterns of cooperation and competition?; 3) What are the processes by which China has developed

an efficient network of communicators at the grassroots level to support its development programs?; 4) What processes has China followed in developing a manpower training program to meet its needs of development within the constraints of communist ideology?; 5) What roles does communication play in the process of decision-making in China, and to what extent do the masses have access to the process of decision-making?; 6) What is the nature of conflict emerging in the course of development in China, and what roles does communication play, both in the exposure and resolution of conflict?

Initial results indicate that the use of communication in China is unique and effective from a utilitarian point of view. The mass media and peer group pressure through interpersonal channels are used in coordination to support a variety of developmental programs. A research report, "Communication, Social Structural Change and Capital Formation in People's Republic of China," will be published by the Institute in July 1974. Five other reports are in varying stages of preparation and revision.

Fellows Involved: Dr. Godwin Chu.

Cooperating Institutions: Chinese University of Hong Kong, Hong Kong Baptist College.

Cooperating Researcher: Timothy Yu (Chinese University of Hong Kong and Hong Kong Baptist College).

ACTIVITY 2: Seminar on Communication Research in Asia and the United States (February 18-22, 1974): Representatives of about 20 communication research institutions in Asia and the United States met to share information about continuing programs and resources, and on promising new developments, in developmental communication, communication in education, and other applied communication research. Priority needs of communication research, particularly in Asia, were discussed and plans were developed for cooperation in training and exchange of information.

Staff Involved: Dr. Wilbur Schramm, Dr. Florangel Rosario, Dr. Lawrence Kincaid.

Fellows Involved: Dr. Godwin Chu and Dr. C. R. Carpenter.

TECHNOLOGY AND INSTRUCTION

This project is a cooperative effort to identify, evaluate and utilize examples of innovation in communication technologies, especially instructional technology. Project activities involve research into innovation in instruction and technology, sharing of research and ideas through conferences and seminars, and application of innovations in instruction through the modular program of professional development in population communication conducted by the Institute twice a year.

ACTIVITY 1: International Conference on Population Education in the Asian Region, Tagaytay City, the Philippines: The conference was part of the Institute's ongoing work in the development and application of innovation in the area of population education. More than 60 educators from 11 countries attended the conference, jointly sponsored by the Philippine Department of Education and Culture and the Institute. Notable outcomes of the conference were establishment of an Asian Regional Population Education Association (ARPEA), a voluntary professional association dedicated to improved cooperation and exchange, and the identification of priority needs for continued development of population exchange within the region.

Cooperating Institutions: The Department of Education and Culture of the Philippines, together with the Development Academy of the Philippines and the Population Commission.

Staff Involved: Dr. John Middleton and Dr. Hichul Whang.

ACTIVITY 2: First Modular Program of Professional Development in Population Information, Education and Communication (February 25 - May 17, 1974): About 40 information and education professionals involved in population participated in an innovative program of professional development designed by the Institute Modular Task Group. A major instructional innovation for this program was the development of 15 problem-centered

self-instructional learning modules. Participants were able to choose among these modules to develop an individual program appropriate to their professional needs and experience. Modules included Fundamental Human Communication, People and Population, Planning Communication Programs and Campaigns, and Using Existing Media. Based on their use in the first program, the modules are being revised for dissemination and adaptation in Asian and American population IEC education and training.

Staff Involved: Dr. John Middleton.

Fellows Involved: Dr. C. R. Carpenter, Dr. George Beal (TDI Fellow), Dr. Daniel Lerner.

Cooperating Institutions: Asia Foundation, UNESCO, USAID, Ford Foundation, Philippine Population Commission, Indonesian National Family Planning Coordinating Board, Planned Parenthood Federation of Chicago, World Population, Japan Organization for International Cooperation in Family Planning, Chinese Center for International Training in Family Planning.

ACTIVITY 3: Abstracts of Research on Film Effectiveness in Instruction: One of the numerous projects of Institute Fellow C. R. Carpenter included summarizing the results of a series of over 80 film effectiveness experiments in an easily accessible and usable form for educators, film and television producers, and others concerned.

The experiments were conducted under Carpenter's direction from 1947 to 1955 as part of the Instructional Film Research Program at the Pennsylvania State University. The purpose of the research was to discover how to improve films and how to promote their use as an effective instructional device. The program was part of a large research program into the potentials of three of the mass media--radio, sound motion pictures and television--for rapid intensive training. The entire program was planned with a view to meeting a possible national emergency of acute shortages of time, instructional facilities and instructors. However, the principles derived are equally applicable to present day educational media and have not previously been made available for general use.

Fellows Involved: Dr. C. R. Carpenter.

APPLICATION OF KNOWLEDGE

The body of knowledge and experience in planning, implementing and evaluating development programs is already extensive and rapidly expanding. Yet understanding and appreciation of the role of communication in applying this knowledge is lacking. Organizers and managers of development programs simultaneously suffer from the "information explosion" and from unavailability of relevant and usable knowledge. Techniques of application used successfully in one sector often have to be rediscovered in other sectors. The processes for communicating relevant knowledge between as well as within sectors must be defined, studied and improved. The objectives of this project, then, are:

- To facilitate rapid and effective application of development knowledge and experience through selection, adaptation and use of appropriate communication principles and techniques and by conducting applied research and professional development activities focused on processes involved;
- To analyze, interpret and summarize where necessary the knowledge and experience of East and West with regard to these processes and problems and to add to such knowledge where possible;
- To study and evaluate new forms for presenting information growing out of knowledge gained from experience in development programs;
- To establish cooperation between institutions of the U.S. and participating countries in the design, conduct, evaluation and funding of activities in this project;
- To strengthen interaction between the U.S. and participating countries through mutual sharing and dissemination of knowledge and experience;
- To collaborate with international agencies that are contributing to the objectives of rapid and efficient application of development knowledge and experience, particularly through the networks established for this purpose.

ACTIVITY 1: Inventory-Analysis Research on Donor Agency Support for Population/Family Planning Information, Education and Communication (IEC): This research activity, initiated in FY 72, continued to gather information on the nature and amount of financial,

technical and commodity assistance available from donor agencies in direct or indirect support of developing country programs in population/family planning information, education and communication (IEC). Nine separate reports were prepared and published during FY 73, including reports on programs of UN organizations, bilateral donor agencies, foundations and other private groups. Each report gives an overview of programs and policies, and then provides in depth information on its support for population programs, particularly IEC aspects. This series of reports, while useful to donor agencies themselves, is primarily intended to give recipient country agencies more information on the available resources in this area. About 600 copies of each report are distributed worldwide.

Cooperating Institutions: The following agencies assisted in the compilation of the reports and in some cases assigned a staff member to prepare a report in accordance with the standard format: International Labour Organisation; UNICEF; Overseas Development Administration, Foreign and Commonwealth Office, U.K.; U.S. Agency for International Development; Swedish International Development Authority (SIDA); World Education; The Population Council; Family Planning International Assistance (Planned Parenthood Federation of America); and The Asia Foundation.

Staff Involved: Dr. David Radel, Elizabeth Buck.

ACTIVITY 2: Inventory-Analysis Research on Organizations Providing Training, Information and Consulting Services in Population/Family Planning Information, Education and Communication (IEC): A research activity initiated in FY 73 to gather information on the nature of services available from training, information and consulting (i.e. non-grant making) organizations in support of developing country programs in population/family planning information, education and communication (IEC). Eight separate reports were prepared and published during the year, including reports on U.S. university population centers, a special UNDP project, and the East-West Communication Institute itself. Each report gives an overview of the organization—its policies, programs and structure. The bulk of the report gives detailed operational information on IEC-related services available and how to take advantage of them. Lists of previous projects, available publications and audio-visual materials, courses taught, etc. appear in the appendices. This series of reports is primarily intended for use by potential users of these services to enable them to know what services are available and how to make use of them. About 600 copies of each report are distributed worldwide.

Staff Involved: Dr. David Radel, Elizabeth Buck.

Cooperating Institutions: Population Reference Bureau; Teachers College, Columbia University; Carolina Population Center, University of North Carolina; and Development Support Communication Service, UNDP.

ACTIVITY 3: Inventory-Analysis Research on Country Programs and Their Needs for International Assistance in Population/Family Planning Information, Education and Communication (IEC): This research activity was initiated in FY 73 to gather information on the nature of country programs in population/family planning information, education and communication (IEC) and on the needs of these programs, particularly for international assistance (the availability of which has been documented in other inventory-analysis activities). Each country report was developed in collaboration with the key population or family planning agency of each country. Two- to three-week visits were made to each country by Institute staff members or consultants. Sixteen country programs were studied during FY 73 (seven in Asia, five in Africa and four in Latin America) and eight reports were published. (See Appendix F on publications)

Cooperating Institutions: Family Planning Division, Ministry of Health, Iran; Family Planning Association of Nepal; Population Planning Division, Ministry of Health and Social Welfare, Pakistan; Family Health Bureau, Ministry of Health, Sri Lanka; Population Planning Directorate General, Ministry of Health and Social Welfare, Turkey; Family Planning Association of Hong Kong; Committee on Family Planning, Taiwan Provincial Department of Health, and Chinese Center for International Training in Family Planning; Egyptian Population and Family Planning Board; Ghana National Family Planning Programme; Family Planning Association of Kenya, and Family Planning Section, Ministry

of Health, Kenya; Service Central du Planning Familiale, Ministère de la Santé Publique, Morocco; Office National du Planning Familiale et Population, Tunisia; Asociacion Pro-Bienestar de la Familia Colombiana (PROFAMILIA), Colombia; National Family Planning Board, Jamaica; Departamento Nacional de Poblacion and Asociacion Pro-Bienestar de la Familia Ecuatoriana, Ecuador; and Direccion General de Atencion Medica Materno-Infantil, Mexico.

Staff Involved: Dr. David Radel, Ronny Adhikarya and Barbara Yount.

ACTIVITY 4: Directory of IEC Assistance: As part of the inventory-analysis project, the first "Directory of IEC Assistance" was published in February 1972 to provide information on organizations and institutions which provide assistance and services for population and family planning IEC in developing countries. Information resulting from other activities of the inventory-analysis project made it possible to expand the scope and coverage of the directory to include more organizations and more detail on assistance and services they offer. The directory contains brief descriptions of two kinds of agencies and institutions: donor agencies which provide grants, commodities or technical assistance, and institutions and agencies such as university-based training and research centers that provide services but are not grant-making organizations. The most recent edition provided information on 53 agencies and institutions. The information is of use to both those seeking IEC assistance or services (primarily administrators of population and family planning programs in developing countries, and those responsible for information and education components of such programs), and those who manage donor agencies or training programs.

Staff Involved: Dr. David Radel and Elizabeth Buck.

ACTIVITY 5: "IEC Newsletter": Under the direction of writer/editor Barbara Yount, the "Newsletter" was published six times; nearly 4,000 copies of each issue were distributed to individuals in 133 countries and territories. The "Newsletter" functions as a clearing house of information about resources, events, research and action projects useful to professionals working in population IEC. Sources for articles include: 1) over 150 family planning newsletters and other relevant periodicals from around the world, which the editor reviews for each issue, 2) the Institute's growing network of "extended staff" who previously were participants in professional development programs, and 3) "IEC Newsletter" readers who contribute articles or photographs to publicize their programs. During FY 73 a "Supplement" was added to the "Newsletter" which contains annotated lists of materials newly acquired by the resource materials collection which are available to readers on exchange or at cost. A 24-page "Cumulative List" of all population communication materials in the collection was also issued.

Cooperating Institutions: UNESCO, Colombo Jaycees, University of Michigan, the Philippines Population Education Program, Population Services International, Planned Parenthood Federation of Korea, Prosperous Indonesian Foundation, Carolina Population Center, Institute for Family Research and Education, Family Planning Association of Hong Kong, IPPF, Planned Parenthood/World Population, Family Planning Organization of the Philippines, Family Planning Association of Trinidad and Tobago, UN Centre for Economic and Social Information, Ministry of Health in Iran, the National Media Production Center in the Philippines, Emory University Family Planning Program, Sarawak Family Planning Association, Council of Churches in Indonesia, National Family Planning Board of Jamaica, United Nations Fund for Population Activities, Family Planning Federation of Canada, Medical Center of American Samoa, SIDA, and others.

ACTIVITY 6: Communication Documentation Internships: The development of human resources for, and the mutuality of problems in information flow, exchange and utilization became the focus of the communication documentation internship activities. During the academic year, Sumiye Konoshima coordinated two sessions of internships in which five Asians and two Americans participated. The Interns spent six to eight weeks investigating and discussing: the nature of documentation and dissemination of communication information and materials; the techniques and problems of their respective institutions in facilitating information, accessibility and utilization; and the cross-cultural, regional and international aspects of documentation and dissemination in relation to network systems. Interns worked on special projects and produced reports on "access-to-information" legislation, mass media development in Malaysia and plans for a learning resource center and information network. (For details on the activities of this year's interns, see Appendix C)

Staff Involved: Sumiye Konoshima, coordinator; Jim Richstad, John Shklov.

Cooperating Institutions: The Asia Foundation; Freedom of Information Center; School for International Training; The Mara Institute of Technology, National Family Planning Board, Inter-Governmental Coordinating Committee for Southeast Asia Regional Cooperation in Family and Population Planning--Malaysia; and The National Family Planning Coordinating Board, Indonesia.

ACTIVITY 7: Computer Analysis of Communication Documents: Computerization of data in the Resource Materials Collection gained ground during FY 74. Some 1600 documents were placed in computer files, and thesauri and descriptor lists developed by the Institute and other documentation centers were examined. Discussions with the Carolina Population Center and UNESCO's Department of Mass Communication resulted in increased compatibility of the Institute's system with that of other institutions.

As a practical demonstration of the technology, the Institute arranged to have George Washington University's Pop Inform system (computerized population information system) show how remote terminal access works. Information in the data base in Washington, D.C., to which the Institute contributed population/family planning communication information, was retrieved through a terminal located in the Institute.

Further developments will enable the Institute to identify areas of current activities and trends in communication research and will facilitate application of development communication research and experiences through selective retrieval, dissemination and exchange of appropriate information among Asian and U.S. users.

Cooperating Institutions: George Washington University, Carolina Population Center.

Staff Involved: Sumiye Konoshima, Sandra Okubo, Dr. Jim Richstad.

Fellows Involved: Dr. C. Ray Carpenter.

ACTIVITY 8: Handbook on Sources of Information on Population/Family Planning: A handbook on sources of information on population/family planning was started in FY 74. A detailed index of topics provides professional program people with a channel to information and material resources on specific population and family planning subjects. International, regional and national institutions and organizations who are willing and able to supply information and materials are cooperating in the project.

Staff Involved: Sumiye Konoshima, Elizabeth Buck, Dr. David Radel, Carol Takara.

ACTIVITY 9: Pacific Islands Agricultural Information and Communication Workshop (August 13 - September 21, 1973): Through lectures, workshop activities and field trips, 13 participants from throughout the Pacific Islands studied communication techniques useful in agricultural development. The workshop was co-sponsored by the East-West Communication and Food Institutes. Topics included face-to-face communication, using radio, developing publications, organization and planning. In addition to workshop sessions, participants individually developed "take-home" projects such as communication plans, brochures and radio scripts. A follow-up conference with the participants was held via Satellite in April (see section on International Communication).

Staff Coordinators: Dr. R. Lyle Webster, Dr. Donald Green (Food Institute).

ACTIVITY 10: International Conference on Making Population/Family Planning/Communication Useful: The Communicator's Contribution (December 3-7, 1973): Second annual conference on population communication brought together 35 researchers, family planning program administrators, representatives of information clearinghouses and international assistance agencies (as well as a number of official observers) to consider methods of improving the utilization of population research results. A special focus was the "linking role" between researchers and users of research results. Papers described research utilization in related social science fields, and in selected national family planning programs and innovative approaches to the "linking role."

Fellows Involved: Dr. C. R. Carpenter, Dr. Everett Rogers.

Coordinator: Dr. James Echols.

ACTIVITY 11: Professional Development Associates: Seven individuals were awarded grants as professional development associates, each participating for varying periods of time, generally from one to six months. The preparation of materials, and implementation and evaluation of the Center's first Modular Professional Development Program provided an ideal opportunity for cooperative relationships with a variety of Asian and American institutions through this activity. (See Appendix C for list of participants)

ACTIVITY 12: Communication, Development and Family Planning in Rural Korea: The Impact of Village Mothers' Clubs: An intensive description and analysis of two successful and one unsuccessful mothers' clubs in Korea, selected from a larger study previously conducted by the School of Public Health, Seoul National University. Objectives are: 1) to describe the national mothers' clubs program, one of the most successful group projects in the population field; 2) to describe the development of a successful and an unsuccessful mothers' class; and 3) to explain which factors are responsible for an effective mothers' class operation.

The final report will contribute guidelines for initiation and operation of future classes, and will explore possible alternative explanations for effective mothers' class organization.

Cooperating Institutions: Department of Public Health, Seoul National University; Planned Parenthood Federation of Korea.

Co-Investigators: Dr. Park Hyong Jong, dean, and Kyung Kyoong Chung, School of Public Health, Seoul National University.

Staff Involved: Dr. Larry Kincaid.

Degree Student: Chin-chuan Lee

ACTIVITY 13: Organizational Communication in Two Philippines Family Planning Organizations (March 15 - November 1, 1973): The internal communications structure of one governmental and one non-governmental family planning organization are being studied to discover how to improve program effectiveness. Sociometric data are being obtained to measure the communication networks, and a survey of employees will be made to measure 1) quality of information, and 2) supervisor/subordinate relationships. Results will be distributed by the University of the Philippines and the Communication Institute.

Cooperating Institutions: Institute of Mass Communication, University of the Philippines, Philippine Institute of Maternal and Child Health, Philippine Department of Health.

Staff Involved: Dr. Larry Kincaid, project director.

Co-Investigators: Samuel A. Betty, Ph.D. candidate, Michigan State University; Dr. Higinio Ables, Institute of Mass Communication, University of the Philippines.

ACTIVITY 14: Taiwan's Utilization of Family Planning Research (July 1, 1973 - February 28, 1974): Case studies which show how communication research has been used actively as an aid to development. A small number of specific research projects in family planning in Taiwan are traced from realization of the research process to initiation of projects which use research results. Objectives are: 1) to describe how research results become utilized in operational programs in Taiwan; 2) to describe how research in Taiwan has affected family planning policy in other Asian areas; and 3) to explore the factors related to effective research utilization.

Five major studies and program areas were used to illustrate the process: the Taichung study, the use of mass media, pricing of contraceptives, use of free offers, and the educational savings incentive scheme. Personal interviews, files, reports and papers were used to reconstruct the process over the last 10-year period.

Cooperating Institution: Taiwan Provincial Department of Health.

Staff Involved: Dr. Larry Kincaid, coordinator.

Co-Investigators: Dr. T. H. Sun, executive secretary, Committee on Family Planning, Taiwan; George Cernada, Population Council representative in Taiwan.

ACTIVITY 15: Traditional Midwives for Family Planning Communication: This case study 1) reviews existing literature on utilization of traditional midwives for family planning communication in India, Pakistan, Thailand, Indonesia, Malaysia, Philippines and Mexico; 2) documents program experience in these same countries by observation and personal interviews with program officials, trainers, supervisors, traditional midwives and their clients; and 3) synthesizes this knowledge into guidelines for program officials and trainers.

Cooperating Institutions: Indonesia Planned Parenthood Association; School of Public Health, University of Michigan.

Staff Involved: Dr. Robert Worrall and Dr. Larry Kincaid, project coordinators.

Co-Investigators: Dr. Everett M. Rogers and Dr. J. Y. Peng, University of Michigan; Sri Djuarini, Indonesian Planned Parenthood Association; Douglas Solomon, Institute degree student.

ACTIVITY 16: Comparative Study of the Development and Utilization of Family Planning Themes, Slogans, and Non-verbal Symbols and Designs: An examination of the visual and verbal aspects of family planning messages through personal interviews in seven countries, and a synthesis of related literature. The objectives of the study are: 1) to test an "evolutionary" hypothesis about themes, slogans, symbols and designs; 2) to develop a training module for Institute professional development programs; and 3) to evolve potential research and evaluation methodologies.

Cooperating Institutions: Margaret A. Powell, deputy executive secretary, The Family Planning Association of Hong Kong; Harwant Singh Dhillon, former director of Health Education, GOI, now with WHO/Manila; Dr. Mehdi Logmani, deputy director, Esfahan Health Department, Iran; Robert Gillespie, Population Council, Iran; Dr. Tae Ron Kim, director of research, Korean Institute of Family Planning; George C. Worth, Population Council, Korea; Prof. Gloria Feliciano, dean, Institute of Mass Communication, University of the Philippines; Wilma Lewis Donald, Office of Population Programs, Trinidad and Tabago; Dr. T. H. Sun, executive secretary, Taiwan Provincial Committee on Family Planning; Jeff Tsai, director, Chinese Center for International Training in Family Planning, Taiwan.

Principal Investigators: Dr. Larry Kincaid; Dr. Randall Harrison, Michigan State University; Oliver D. Finnigan, former population advisor in Asia for Population Council and AID.

ACTIVITY 17: A Model for Professional Development: Testing and Analysis: A study of principles of professional development and their application to Institute programs, including population and family planning IEC. A model was developed and tested in the workshop for Population Education Development Specialists, evaluated and revised for further testing. The model was found general enough for professional development programs where organizational change is the goal.

Staff Involved: Dr. John Middleton.

Collaborator: Dr. David Kline, Harvard University.

ACTIVITY 18: Decision Strategies for the Content and Utilization of Family Planning Radio Programs in Taiwan, Pakistan and Hawaii: A study of the decision-making process for arriving at strategies on the content of selected family planning radio programs by message designers, broadcast managers, and various other factors which influence these decisions—institutional pressures, funding agency emphasis, policies and assumptions about intended audiences. As part of this study, two Institute degree students completed master's theses for the UH Department of Communication.

Cooperating Institutions: National Taiwan University and University of Karachi.

Staff Involved: Dr. Florangel Rosario, coordinator.

Co-Investigators: Dr. T. S. Wu, Department of Agricultural Extension, National Taiwan University; Sharif Al Mujahid, head, Department of Journalism, University of Pakistan; Shih-Min Chen and Chao-Lang Chen, Institute degree students.

ACTIVITY 19: Increasing Elite Support for Population Programs: An Analysis of the Need for New Strategies in Population Information, Education and Communication Aimed at Leadership Groups (with special reference to Kenya) (October 1972 - December 1973): The study will provide a basis for a recommended program of elite education based on intensive analysis of interviews conducted with Kenyans. Information on elite attitudes in other countries and responses to expressed needs will be included. The main intent of the study is to demonstrate to IEC program administrators the need for designing specialized messages for elite groups. In the course of doing this, it will also examine the gap between the current knowledge elites have about population and family planning programs and the level of knowledge that is available.

Staff Involved: Dr. David Radel,

POPULAR CULTURE

Popular culture, especially in the form of entertainment media, affects all human life and society and represents a large share of the communication exchanged between nations and cultures. Modern communication research is in fact one of the origins of popular culture studies: as early as 1940, when Paul Lazarsfeld and others started "radio research," they were primarily interested in the impact of radio upon the minds of listeners. Although neither "communication research" nor "popular culture" was an established technical term at the time, radio researchers knew then that popular culture is an indispensable branch of the study of social communications. Often, mass media can be seen as one of the most decisive factors which shapes the popular culture of a society: for example, the belief systems and behavior patterns of the younger generations in many societies today are obviously affected by the messages they prefer to receive (or are forced to receive) through mass media either directly or indirectly.

Under the direction of Hidetoshi Kato, current and planned activities in this area have the following objectives: 1) To analyze, interpret and summarize where necessary the knowledge and practice of East and West with regard to the communication of popular culture, and to add to this knowledge when possible; 2) To analyze, making use of international research teams and conferences, the significance of popular culture for understanding of a people and their communication; 3) To analyze, by cooperative research and study, effects of popular culture as carried by mass media; 4) To make available significant research on mass media and popular culture not now readily available to students and scholars for language or other reasons.

Two activities were conducted in this area during FY 74. A third, "Seminar in Comparative Popular Culture," was planned as an annual event of the subdivision. The first such seminar will be held in the summer of 1974 on the topic "Heroes: East and West."

ACTIVITY 1: Effects of Television on Children: A topic of long standing concern to economically advanced countries is the effect of television on children. As television spreads through the developing regions, and audiences multiply, concern spreads as well. Does television make children more violent? More passive? Less diligent at their studies? Less interested in outdoor and group activities? How does it affect their values? These questions have now been studied in a sufficient number of countries that it is possible to say something about how strong the effects are, and which ones are general and which particular to a certain culture or a certain kind of television. A study comparing the results of research on television and children in different cultures is being conducted, and a book will be published.

Cooperating Institutions: NHK Theoretical Research Institute, Japan; Corporation for Public Broadcasting, U.S.

Co-Investigators: Prof. Hidetoshi Kato, coordinator; Prof. Kazuhiko Goto, NHK, Tokyo; Prof. Jack Lyle, CPB.

ACTIVITY 2: Abstracts of Japanese Research on Mass Communication: This activity is an attempt to unlock a door that has barred English-reading scholars from Japanese communication research. During FY 75, Prof. Hidetoshi Kato completed selection, translation and description (in abstract form) of 98 significant research reports, ranging from a remarkable daily time study of the behavior of 170,000 Japanese in 1962 to a month-long study of a single family in which communication behavior was observed and analyzed in minute detail. Topics include: children's media behavior at all ages, identification and analysis of "politically concerned public," various uses of radio, changes in media taste over the years, and many others. The volume is being published by the University Press of Hawaii as an East-West Center Book.

Cooperating Institution: Communication Design Institute, Kyoto, Japan.

INTERNATIONAL COMMUNICATION

The Institute's program in international communication has two main thrusts: the flow of information, ideas and images among the countries of the Pacific, and the special problems of assisting communication among the Pacific islands. The objectives: 1) To analyze and interpret the knowledge of East and West concerning communication between nations and cultures and the relation of that communication to understanding and peace, and to add to such knowledge where possible; 2) To encourage, by research cooperation and conferences, scholars of different nations to work together and share knowledge on those questions; 3) To study, in cooperation with scholars of other countries, the flow of communication between nations of Asia, the Pacific and North America; 4) To encourage and assist, where appropriate, the communication professionals and professional organizations of the Pacific basin to establish mutually beneficial regional communication and cooperation.

ACTIVITY 1: Research Workshop on Communication and Peace in the Pacific: This workshop brought together social scientists and journalists from the United States and Japan. Through decision-theoretic, simulation and signalling exercises, participants examined their own perceptions about issues involving the two countries to first become aware of differences, and then to define research and dialogue activities that would contribute to solving some of the problems. Although this phase, part of a larger Institute interest which aims at developing and updating information useful in anticipating problems and opportunities for peaceful relations between East and West, was bi-national in nature, plans have been to involve other Pacific nations in future activities, such as a study of the flow of news among countries of Asia, the Pacific Islands and the U.S.

Cooperating Institutions: Quigley Center of International Studies, University of Minnesota; Institute of International Relations, Sophia University, Tokyo.

Fellows Involved: Dr. Joji Watanuki participated in the development, planning and conduct of the workshop; Dr. Frederick T.C. Yu and Selig Harrison were conference participants.

Several degree students participated in the simulation exercise.

Staff Involved: Dr. Jim Richstad and Dr. Michio Nagai (former Institute director) coordinators.

ACTIVITY 2: Organizational Meeting for Pacific Islands News Association: Pacific Islands journalists, broadcasters and public information personnel met for one week to organize a professional communication association to meet identified needs and to solicit support of other island communication people and outside organizations. This project developed

out of the first general meeting of the Pacific Islands editors, held in 1972, to assist in basic journalist training, news exchange and other professional concerns. It builds on earlier work done in a journalism training survey by former Institute Fellow Robert McClelland, the beginning of a training manual, also by McClelland and a press directory.

Cooperating Institutions: Organizing Committee, Pacific Islands News Association, representing five different Pacific Islands areas.

Staff Involved: Dr. Jim Richstad,

ACTIVITY 3: Communication Satellite Demonstration Project: A follow-up to the agricultural information workshop, this activity involved using Peacesat (the Pacific radio satellite) to communication with participants. A major focus of the activity was to evaluate how effective such use of the radio satellite is in extending such professional workshops by group evaluation via satellite.

Cooperating Institutions: Agricultural departments of the participants' home territories provided time and in some cases travel of their personnel to participate.

Staff Involved: Dr. Jim Richstad.

Fellows Involved: Dr. C. Ray Carpenter helped coordinate the activity, and worked at developing an audio and slide presentation of the demonstration.

ACTIVITY 4: Pacific Islands Mass Communication Bibliography: In bibliographic work, basic sources of material on mass communication in the Pacific Islands were surveyed and annotated. Three preliminary bibliographies were published during the period, with completion of the activity schedule for the latter part of 1974. This activity is designed to provide basic resource information for scholars of mass communication in the Pacific Islands.

Staff Involved: Dr. Jim Richstad.

ACTIVITY 5: Seminar on Contemporary Issues in Asia, the Pacific and the U.S.: A weekly seminar for Institute and Center degree students offered for UH course credit and conducted by the Institute. Organized in FY 73 by former Institute director, Michio Nagai, and former Fellow, Selig Harrison. The American Studies course features visiting area experts as periodic resource persons. (See list of topics in Appendix J)

Staff Involved: Dr. Jim Richstad,

Cooperating Institution: UH Department of American Studies.

ACTIVITY 6: Jefferson Fellowship Program: A professional development program for mid-career journalists, this continuing program underwent considerable re-evaluation in FY 74--no participants were invited during the year. However, a new group of eight Jefferson Fellows will be arriving August 4 for the three-month program. For a list of the new and expanded International Advisory Committee to Jefferson Fellow Program, see Appendix K.

Coordinator: Dr. Jim Richstad.

Evaluator: Dr. Frederick T. C. Yu, Institute Fellow.

APPENDIX A
1974 Program Matrix
East-West Communication Institute

Subdivision	Developmental Communication	Popular Culture	International Communication
<u>Project</u> Activity	<u>Theory</u> 1. China's use of communication 2. Seminar on communication research in Asia and the U.S. <u>Technology and Instruction</u> 1. International conference on population education in the Asian region 2. First modular program of professional development in population IEC 3. Abstracts of research on film effectiveness in education <u>Application of Knowledge</u> 1. Inventory-analysis of donor agency support for population/family planning IEC 2. Inventory-analysis research on organizations providing training, information and consulting services in population/family planning IEC 3. Inventory-analysis research on country programs and their needs for international assistance in population/family planning IEC 4. Directory of IEC assistance 5. IEC Newsletter 6. Communication documentation internships 7. Computer analysis of communications documents 8. Handbook on sources of information on population/family planning 9. Pacific islands ag information and communication workshop 10. Int'l conference on making population/family planning/communication useful 11. Professional development associates 12. Communication, development and family planning in rural Korea 13. Organizational communication in two Philippine family planning organizations 14. Taiwan's utilization of family planning research 15. Traditional midwives for family planning communication 16. Comparative study of the development and utilization of family planning themes, slogans and non-verbal symbols and designs 17. A model for professional development: testing and analysis 18. Decision strategies for content and utilization of family planning radio programs in Taiwan, Pakistan and Hawaii 19. Increasing elite support for population program: an analysis of the need for new strategies in population IEC aimed at leadership groups	1. Effect of TV on children 2. Abstracts of Japanese research on mass communication	1. Research workshop on communication and peace in the Pacific 2. Organizational meeting for Pacific islands press foundation 3. Communication satellite demonstration 4. Pacific islands mass communication bibliography 5. Seminar on contemporary issues in Asia, the Pacific and the U.S. 6. Jefferson Fellowships
Staff Assigned to Subdivision	Chu, Rahim, Kincaid, Middleton, Shklov, Worrall, Radel, Konoshima, Lim, Yount, Buck, Arnold	Kato	Richstad
Fellows Assigned to Subdivision	Sommerlad	Kim	Lerner, Durdin
PD Participants	220	0	17
Degree Students	21	14	14

APPENDIX B

East-West Communication Institute

FELLOWS

CARPENTER, Dr. C. Ray, Professor of Anthropology and Psychology, University of Georgia. (10/1/73 - 6/14/74)

Research: Headed project to abstract research on film effectiveness in instruction, assisted in planning Media Center and development of Japan Prize collection.

CHU, Dr. Godwin C., Professor and Director of Research, School of Journalism, Southern Illinois University. (9/15/73 - 6/14/74)

Research: Conducted research into communication for development in People's Republic of China.

DURDIN, E. Tillman, long time chief China correspondent, "The New York Times". (4/1/74 - 1/31/75)

Research: Working on book on recent developments in People's Republic of China and on U.S. relations with Taiwan.

HARRISON, Selig S., former Northeast Asia Bureau Chief, "The Washington Post". (9/15/72 - 8/31/73)

Research: Conducted continuing seminar on "contemporary issues in Asia and the Pacific" offered for credit, also completing study on U.S. Asian relations which seeks to define and interpret nationalism in Asia as the central factor governing American relations with these countries.

HORNIK, Dr. Robert, Assistant Professor, Stanford University Institute for Communication and Research. (1/1/74 - 2/15/74)

Research: Study of effects of communication on "revolution of rising frustrations."

KIM, Dr. Kyu-whan, Director of Institute of Mass Communication at Seoul National University. (4/1/74 - 8/31/74)

Research: Selecting and translating Korean research on mass communication, providing abstracts for English-reading people.

LERNER, Dr. Daniel J., Ford Professor of Sociology, Massachusetts Institute of Technology. (1/1/74 - 4/30/74)

Research: Worked on preliminary study of effects of communication over long distances, role of communication in overcoming "remoteness."

McANANY, Emil, Assistant Professor, Stanford University Institute for Communication Research. (2/16/74 - 3/8/74)

Research: Worked on monograph on 56 ways of using radio for development communication.

RIVERS, Dr. William L., Edwards Professor of Communication, Stanford University. (4/1/74 - 6/15/74)

Research: On rights and responsibilities of professional communicators, also on Jefferson Fellows program and Honolulu Community Media Council.

SOMMERLAD, Dr. E. Lloyd, Director of Communication Research and Planning, and head of Satellite Program, UNESCO, Paris. (5/20/74 - 9/19/74)

Research: Working on communication systems for developing countries including uses of satellites for development.

APPENDIX C

East-West Communication Institute

PROFESSIONAL DEVELOPMENT PARTICIPANTS

First Modular Program of Professional Development in IEC

Participants

BIN MATT, Saad, State Information Officer, National Family Planning Board, Malaysia.
BRITTAIN-LABRIE, Jan, Information and Education Coordinator, Ohio Planned Parenthood, USA.
CHANG, Ing-El, Chief, Health Education Section, National Health Administration, Taiwan.
DE LEON, Caroline Sim, Senior Research Associate, Commission on Population, Philippines.
DONALD, Wilma Lewis, Family Planning Educator, Office of Population Programme, Trinidad and Tobago.
EL ENANI, Moustafa Ibrahim, Head, Information, Communication Department, Egypt.
ESQUERRA-SANTOS, Dr. Natividad, Medical Field Representative, Institute of Maternal & Child Health, Philippines.
GARCIA, Estela Ll., Program Assistant, Population Education Program, Department of Education and Culture, Philippines.
HUE, Bui Quang, National Chief Midwife, Maternal and Child Health Service, South Vietnam.
HUQ, Dr. Noorul, Institute of Education and Research, University of Dacca, Bangladesh.
JONES, Barbara, Hawaii Planned Parenthood, Inc., USA.
KAUBER, Donald W., Director, Information and Education, Delaware League for Planned Parenthood, USA.
KERIM, Mohamed Abou Sereii Abdel, Family Planning Training Officer, Egypt.
KHALILI, Marylou, Director of IEC Center, Family Planning Association of Iran.
KHAN, Wali Ahmad, Deputy Director, Communication, Population Planning Council, Pakistan.
KIM, Sang Jo, Chief, Public Information, Planned Parenthood Federation of Korea.
KODIPPILY, Priya, Chairman, Information and Education, Family Planning Association of Sri Lanka.
LATIF, Abu Hamid, Population Education Research Project, Institute of Education and Research, Bangladesh.
LIM, Ah Ba, State Information Officer, National Family Planning Board, Malaysia.
MARTINEZ, Herminia, Social Welfare Analyst, Department of Social Welfare, Philippines.
MORALES, Francisco J., Supervisor, Journalism and School Papers, Division of City Schools, Philippines.
NANGTJIK, Hasjim, Head, Department of Communication, Faculty of Social & Political Sciences, Gadjah Mada University, Indonesia.
NORDENSTRENG, Irmeli, Journalist, Jaana Magazine, Finland.
OFORI, Henry, Director, Information & Education, Ghana National Family Planning Program.
ONG, Joseph Y.H., Health Educator, Committee on Family Planning, Taiwan Provincial Health Department.
PASION, Lourdes D., Publication Assistant, Family Planning Organization of the Philippines.
PLOPPER, Suzanne M., Training Consultant, California, Planned Parenthood, USA.
RAINTUNG, E.F.W., Indonesia Council of Churches.

ROSENBERG, Edwin, Research Trainee, Population Research Laboratory, California, USA.
ROSERO, Jorge C., Educational Activities Supervisor, Asociacion Colombiana de Facultades de Medicina, Columbia.
SOFIJANDI, Information Officer, Indonesian Planned Parenthood Association.
SUMARSONO, Chief, Communication Research & Development, Bureau of Information and Motivation.
SWATI, M. Salim, Assistant Director, Publicity Section Officer, Provincial Population Planning Board, Pakistan.
TANG, Josephine, Publicity Officer, Family Planning Association of Hong Kong.
TARTOPATI, Tom, Bureau of Information & Motivation, Indonesia.
VALBUENA, Victor, Distribution and Evaluation Officer, Population Information, Education Office, Philippines.
VICENTE, Leila C., Research Assistant, Institute of Mass Communication, University of the Philippines.
WANG, Tsyr-Rong, Junior Specialist, Taipei Family Planning Promotion Center, Taiwan.
WU, Dr. Tsung-Hsien, Department of Public Health, Medical College, National Taiwan University.
XUAN DAO, Nguyen Thi, Translator, South Vietnam.

Communication Documentation Internships

Participants

AMSYAH, Zulkfli, Head of Library Department, National Family Planning Coordinating Board, Indonesia: examined various aspects of documentation, storage, retrieval and dissemination of materials and information of specialized collections, developed plan for network of population/family planning libraries and information centers for Indonesia. (1/21/74 - 3/19/74)
ATKINS, Jeanni, Administrative Assistant, Freedom of Information Center, Missouri, USA: reviewed literature on "access-to-information" legislation in four U.S. states, produced report comparing legislation among states. In addition, acquired background information on current materials on communication in Asia and information storage, retrieval and dissemination systems. (1/21/74 - 3/1/74)
CHEAH, Yoke Fah, Lecturer in Library Science, Mara Institute of Technology, Malaysia: audited communication courses and surveyed Asia communication materials in Institute collection to acquire background knowledge on communication documentation for teaching courses at Mara Institute. Also conducted a project on mass media development in Malaysia and submitted report. (1/21/74 - 3/1/74)
DARWIS, Aminsari Maryam, Assistant Librarian, National Training and Research Center, Indonesian Planned Parenthood Association, Jakarta: worked with colleague from Indonesia on network plan for population/family planning libraries and information

centers in Indonesia. A report on function and role of IPPA as supporting unit of network was submitted. (1/21/74 - 3/19/74)

- HUNTING, Laurence B., School for International Training, Vermont, USA: developed proposal for Learning Resource Center, emphasizing organization, application and diffusion of cross-cultural communication materials. (1/21/74 - 3/1/74)
- MEGAT ANOOM, Natifah, Family Welfare Officer, National Family Planning Board, Malaysia: studied various aspects of documentation of population/family planning communication materials, produced plan for establishing unit within Information Division of National Family Planning Board. (9/16/73 - 11/2/73)
- YUSOFF, Mahani, Assistant Documentalist, Inter-Governmental Coordinating Committee, Southeast Asia Regional Co-operation in Family and Population Planning, Malaysia: examined operations, functions and services of special libraries in relation to documentation activities of IGCC, and prepared proposal for development of IGCC's Information Clearinghouse Center. (1/21/74 - 3/18/74)

International Conference on Making Research Useful

Participants

- ADAMSON, Keith, Acting Director, East-West Population Institute, USA.
- BEAL, Dr. George M., Chairman, Sociology & Anthropology, Iowa State University, USA.
- BRADSHAW, Lois E., Ph.D. candidate in public health, Tulane University, USA.
- BRAND, Jean, Extension Education Specialist, U.S. Department of Agriculture, USDA, USA.
- BUSTAMANTE, Dr. Werner, Regional Representative, The Pathfinder Fund, Chile.
- CERNADA, George P., Resident Advisor, The Population Council, Taiwan.
- CHIANG, Hunter H.T., Population Officer, ECAFE, Thailand.
- FELICIANO, Dr. Gloria, Dean, Population Education, Institute of Mass Communication, University of the Philippines.
- GAMBLE, Richard, Executive Director, Pathfinder Fund, Boston, USA.
- GUR, Ertugrul Y., Advisor (Communications Media), Public Health/Family Planning, USAID, Turkey.
- HASHIM, Rita R., Information Officer, Federation of Family Planning Associations, Malaysia.
- HAVELOCK, Dr. Ronald G., Program Director, Center for Research on Utilization of Scientific Knowledge, Institute of Social Research, University of Michigan, USA.
- KEARL, Dr. Bryant E., Executive Director, Asia Office, Agricultural Development Council, Singapore.
- KHAN, Nurul Islam, Project Director, Inspection Directorate, Bangladesh Family Planning Council.
- KOLBE, Helen, Senior Information Specialist, Population Information Program, George Washington University Medical Center, USA.
- LAGERWEY, Rev. Cornelio, Executive Vice President, Social Communications Center, Inc., Philippines.
- MANNARINI, Ana F., Instituto para el Estudio de la Reproduccion Humana, Paraguay.
- MATHUR, Kanwar B., Program Specialist, Division of Mass Media in Education, UNESCO, France.

MOLNOS, Dr. Angela, Head, Social Science Department, IPPF, England.

- NAGEL, John S., Deputy Head, Ford Foundation Office for Latin America, Mexico.
- REYNOLDS, Dr. Richard, Associate Professor, Community Health Education and International Health, University of Massachusetts, USA.
- ROGERS, Dr. Everett M., Professor of Journalism & Population Planning, Center for Population Planning, University of Michigan, USA.
- ROPPA, Guy, Field Advisor, IPPF Central Office, England.
- SHELESNYAK, Dr. M.C., Interdisciplinary Communication Program, Smithsonian Institute, USA.
- SHELESNYAK, Roslyn, Conference Programmer, Interdisciplinary Communication Program, Smithsonian Institute, USA.
- SODHY, Dr. L.S., Secretary General, Southeast Asia Regional Cooperation, Family and Population Planning, Malaysia.
- SRINIVASAN, Dr. Lyra, Director, Methods & Materials Center, World Education, New York, USA.
- SUEHIRO, Richard, Specialist, International Health/Population and Family Planning Program, University of Hawaii, USA.
- SUYONO, Dr. Haryono, Deputy Administrator III, Chairman/Coordinator of Research and Development, BKKBN, Indonesia.
- SWEENEY, William O., Project Specialist, Population Office, The Ford Foundation, USA.
- TAJ, Dr. Kokab, Director, International Population Studies Center, Southern University, USA.
- TOKGOZ, Tandogan, Acting Director General, Population Planning General Directorate, Turkey.
- VERSTEEG, Rolf, (Research Utilization) Program Liaison Officer, Center for Population Research, National Institute of Child Health and Human Development, NIH, USA.
- WILDER, Frank, Population Education, Senior Program Advisor on Population, The Asia Foundation, Singapore.
- YADAVA, Prof. J.S., Indian Institute of Mass Communication, India.
- YASAR, Dr. Osman, Undersecretary of Health, Ministry of Health & Social Welfare, Turkey.
- YUN, Sung-Hee, Director, Information and Publication Division, Planned Parenthood Federation of Korea.
- ZALTMAN, Dr. Gerald, A. Montgomery Ward Professor of Marketing and Director of Research, Graduate School of Management, Northwestern University, USA.

Pacific Islands Agricultural Information and Communication Workshop

Participants

- BENJAMEN, Walai, Rural Development Officer, Department of Agriculture, Stock and Fisheries, Papua New Guinea.
- BIN AHMAD, Mohamed Idrus, Public Relations Officer, National Productivity Center, Malaysia.
- GALEA'I, Ta'alolo P., Administrative Officer, Department of Agriculture, American Samoa.
- IDIP, David K., District Agriculturist, Truk, Caroline Islands.
- ISMAIL, Julaihi, Agricultural Officer, Department of Agriculture, Malaysia.
- MAHUTARIKI, Marii, Information Section, Department of Agriculture, Cook Islands.

MAUALA, Faatauolua, Field Assistant in Information, Department of Agriculture, Western Samoa.
 NEHEJA, Beniso, Rural Development Officer, Department of Agriculture, Stock and Fisheries, Papua New Guinea.
 SEBAYANG, Korsi, Inspector for Food Crop Production, Indonesia.
 SHARMA, Jag Narain, Senior Field Assistant, Information Section, Ministry of Agriculture, Fisheries, and Forests, Fiji.
 TUPOU, Siosaia Piutau, Agriculture Instructor, Department of Agriculture, Tonga.
 WEILBACHER, Bermin F., Chief of Agriculture, Division of Agriculture, Marianas.

International Conference on Population Education in the Asia Region

Participants

ABLES, Dr. Higinio A., Assistant Professor, Institute of Mass Communication, University of the Philippines.
 ARIYADASA, Kahandawaarachchige D., Deputy Director General of Education, Curriculum Development Centre, Sri Lanka.
 BIN YUNUS, Hashim, Head of Information, National Family Planning Board, Malaysia.
 BRITTON, John A., Chief Technical Adviser, Population Education Program, Philippines.
 BROWN, Dr. Jerry L., Director, Indiana University Population Education Project, USA.
 CERNADA, Eleanor C., Education Consultant, Population Council, Taiwan.
 CHAULS, Dr. Donald S., UNESCO Population Education Advisor, Population Education Project, Mahidol University, Thailand.
 CHIN, Dr. Pin Seng, Director, Regional Centre for Education in Science & Mathematics, RECSAM, Malaysia.
 CHONGKOL, Swat, Chief, Curriculum Development Center, Ministry of Education, Thailand.
 COMPTON, Dr. J. Lin, Head, Education and Culture Department, International Institute of Rural Reconstruction, Philippines.
 CORPUZ, Dr. Aurora G., Dean, College of Home Economics, University of the Philippines.
 EASTWOOD, Tristram, UNFPA Coordinator, United Nations Fund for Population Activities, Philippines.
 EDLEFSEN, Dr. John, Population Officer, USAID Population Office, USA.
 EDUARTE, Dr. Ramon D., Executive Director, Family Planning Organization of the Philippines.
 ESMUNDO, Dr. Rafael A., Programme Officer, IGCC, Malaysia.
 FYZENNESSA, Dr. Noorun Nahar, Assistant Professor, Institute of Education & Research, University of Dacca, Bangladesh.
 GULHATI, Kaul, Deputy Director, Population Reference Bureau, USA.
 HARRIMAN, Dr. Thomas, Deputy Director, USAID in Philippines.
 INFANTADO, Dr. Angelica V., Associate Director, Plans & Operation, Commission on Population, Philippines.
 JAYASURIYA, Dr. John E., Regional Advisor on Population Education, UNESCO Regional Office, Thailand.
 KHAN, Quazi Jahan Ara, Deputy Director, Education Extension Centre, Bangladesh.
 KHOON, Gaik Yeap, Curriculum Officer, Curriculum Development Centre, Malaysia.
 KLINE, Dr. David K., Professor, Harvard University, USA.
 KUANPOONPOL, Dr. Manee M., UNESCO Expert in Home Economics, Thailand.
 KUMBUNRATANA, Prachuab, Chief of Planning Division, Ministry of Education, Thailand.
 LACSON, Gloria D., President, Philippine Wesleyan College.
 LEE, Joo-Hyun, Secretary-General, Planned Parenthood Federation of Korea.
 LEE, Dr. Shu-Pei, Professor, National Taiwan Normal University.
 LEE, Dr. Yung-Dug, Director, Korean Education Development Institute.
 MALLARE, Gloria S., Social Welfare Specialist, Department of Social Welfare, Philippines.
 MAMURI, Cristina E., Executive Officer, Population Education Program, Department of Education & Culture, Philippines.
 MASSIALAS, Dr. Byron G., Professor of Education, Florida State University, USA.
 MEHTA, Dr. Tribhuvan Shanker, Head, Population Education Unit, Department of Social Sciences, N.C.E.R.T., India.
 MORALES, Dr. Alfredo T., Director, NRDCTE, College of Education, University of the Philippines.
 NAVARRO, Conrado S., Executive Director, Responsible Parenthood Council, Philippines.
 POFFENBERGER, Dr. Thomas, Professor, Population Planning, University of Michigan, USA.
 PRAWIROSDIRDJIO, Dr. Garnadi, Rector of Institute of Teachers Training (IKIP) and Director, Research Center for Population Education, Indonesia.
 RAHMAN, Samad Abdul, Community Development Officer, Ministry of Rural Economic Development, Malaysia.
 RAMOS, Dr. Paz, Dean, College of Education, University of the Philippines.
 RATANAKAMNOUN, Atom, Chief of Non-Public School Division, Ministry of Education, Thailand.
 RESPOSO, Dr. Epifania C., Director, Family Planning Program, National Council of Churches, USA.
 SANTIAGO, Antonio P., Project Director, Philippine Rural Reconstruction Movement, Philippines.
 SHARIATMADARI, Dr. Ali, Dean and Professor, Faculty of Education, University of Isfahan, Iran.
 SHELESNYAK, Dr. M.C., Interdisciplinary Communication Program, Smithsonian Institution, USA.
 SHEN, Dr. Chen, Senior Specialist, Provincial Education Department, Taiwan.
 SHIN, Dr. Kuk-Bom, Chief, Bureau of Research & Planning, Korean Educational Development Institute.
 SIBAYAN, Dr. Bonifacio P., President, Philippine Normal College, Philippines.
 SIMMONS, Dr. Ozzie G., Program Officer in Population, The Ford Foundation, Thailand.
 SMALLEGAN, Dr. Marian S., Assistant Professor, School of Education, University of North Carolina, USA.
 SURAKHMAD, Dr. Winarno, Deputy Director, S.E.A.M.E.O./INNOTECH, South Vietnam.
 TERRY, Charles, Assistant Director for Health and Public Services, USAID in Philippines.
 UDOMSAKDI, Dr. Yupha, Acting Deputy Dean, Director of Population Education Project, Mahidol University, Thailand.

VAN VACTOR, Rev. Lloyd G., President, Dansalan College, Philippines.
 VENAL, Crispin V., Chief, Adult & Community Education Division, Bureau of Public Schools, Philippines.
 VORAPIPATANA, Dr. Kowit, Chief, Adult Education Division, Ministry of Education, Thailand.
 WAYLAND, Dr. Sloan R., Professor of Sociology and Education, Columbia University, USA.
 WEERASINGHE, Dinaseena, Chief Executive Officer, Population Education, Curriculum Development Centre, Sri Lanka.
 WILDER, Frank, Population Education, Senior Program Advisor on Population, The Asia Foundation, Singapore.
 ZIAI, Dr. Lotfollah, Director General of Technical Affairs, Family Planning Division, Ministry of Health, Iran.

Seminar on Communication Research in Asia and the United States

Participants

ASSEGGAFF, Dja'far H., Deputy Dean, Faculty of Social Sciences, University of Indonesia.
 BUMRONGSOOK, Siha-Umphai, Professor and Dean, Faculty of Communication Arts, Chulalongkorn University, Thailand.
 CHAFFEE, Steven H., Willard G. Bleyer Professor of Journalism and Mass Communication, Mass Communications Research Center, University of Wisconsin, USA.
 CHANG, Ming-Cheng, Chief, Research Division, Committee on Family Planning, Taiwan Health Department.
 DANIELSON, Wayne, Dean, School of Communication, University of Texas, USA.
 GOTO, Kazuhiko, Senior Researcher, Radio & Television Culture Research Institute, Japan.
 HORNIK, Robert, Assistant Professor, Institute for Communication Research, Stanford University, USA.
 ITO, Shinichi, Professor, Institute of Journalism, University of Tokyo, Japan.
 JAMISON, Dean, Chairman, Economics and Educational Planning Group, Educational Testing Service, USA.
 KIM, Yung Ho, Chief of Systems Development, Korean Educational Development Institute.
 LEE, Man-Gap, Dean, Graduate School of Mass Communication, Seoul National University, Korea.
 LYLE, Jack, Director, Communication Research, Corporation for Public Broadcasting, USA.
 MCANANY, Emile, Assistant Professor, Institute for Communication Research, Stanford University, USA.
 MUJAHID, Sharif Al, Professor, Department of Journalism, University of Karachi, Pakistan.
 NUGUID, Natividad, Project Director, Population Information Education Office, National Media Production Center, Philippines.
 QUEBRAL, Nora C., Chairman and Associate Professor of Communications, Department of Agricultural Communications, University of the Philippines.
 RAO, Y.V.L., Secretary-General, Asian Mass Communication Research and Information Centre, Singapore.
 SAMAD, Marina, Head, School of Mass Communication, MARA Institute of Technology, Malaysia.
 SHANMUGAM, A.V., Visiting Professor of Communication Research, Institute of Mass Communication, University of the Philippines.

SOFIATI, Evie, Assistant Researcher, Universitas Negeri Padjadjaran, Indonesia.
 TILLEKERATNE, W.R.P., Secretary and Director-General of Broadcasting, Ministry of Information & Broadcasting, Sri Lanka.
 YU, Timothy, Chairman, Department of Communication and Dean of Faculty of Social Sciences, Hong Kong Baptist College.
 ZAHEER, M., Dean National Institute of Community Development, India.

Communication Satellite Demonstration Project

Participants

BALBERNIE, B., Director, Department of Agriculture, Cook Islands.
 DALE, Dick, Agricultural Officer, Department of Agriculture, New Zealand.
 GALEA'I, Ta'alolo P., Administrative Officer, Department of Agriculture, American Samoa.
 HARRIS, Alan, Agricultural Officer, South Pacific Commission, New Caledonia.
 IDIP, David, Agriculturist, Truk District.
 KUPA, Sauluma, Information Officer, Department of Agriculture, Western Samoa.
 LEUPOLU, T.K., Acting Director, Department of Agriculture, Western Samoa.
 MIGVAR, Leo, Chief of Extension Service, Division of Agriculture, Saipan.
 SEBAYANG, Korsi, Inspector for Food Crop Production, Indonesia.
 SMITH, J.G., Agricultural Officer, Department of Agriculture, Tonga.
 TAILILI, Pemerika, Director, Department of Agriculture, American Samoa.
 TUPOU, Siosaia Piutau, Agricultural Instructor, Department of Agriculture, Tonga.

Conference of International Advisors to IEC Professional Development Activities

Participants

AMRITMAHAL, G.R., Advisor, National Family Planning Coordinating Board, Indonesia.
 BOGUE, Donald, Director, Community & Family Study Center, University of Chicago, USA.
 KEEHN, Thomas B., President, World Education, USA.
 LEE, Joo-Hyan, Secretary General, Planned Parenthood Federation of Korea.
 SAUNDERS, Lyle, Program Officer, Population Office, The Ford Foundation, USA.
 SUJONO, Haryono, Deputy Administrator III, BKKBN, Indonesia.

Commercial Resources Planning Conference

Participants

DE LANEROLLE, J.A.D., Marketing Consultant, Population Services International, Sri Lanka.
 JOSEPH, Ian M., Consultant, Population & Health Services, International Development Research Center, Canada.
 NESS, Dr. Gayl D., Professor, University of Michigan, USA.

YAP, Tat Leong, Assistant Secretary, Intergovernmental Coordinating Committee for SEA Regional Cooperation in Family Planning, Malaysia.
 YLANAN, Manuel, Executive Director, Philippine Business for Social Progress.

Organizational Meeting for
 Pacific Islands News Association

Participants--Organizing Committee

ALAILIMA, Leota Pita, Editor-Managing Director, "South Sea Star," Western Samoa
 BOYACK, James, Editor, "Tahiti Bulletin," Liaison: Publisher of French, Pacific Media, New Zealand.
 LEONARD, Hugh, General Manager, Fiji Broadcasting Commission.
 LOCKWOOD, Douglas, Editor, "Papua New Guinea Post Courier."
 RARAKA, Henry, Editor Publisher, "Kakamora Reporter," British Solomon Islands.
 RICHSTAD, Jim, Research Associate, East-West Communication Institute.
 USHER, Len, (Chairman), Fiji.

Delegates

ANDERSON, Jon A., Bureau Chief, Micronesia News Service, Representative: Department of Public Affairs, Trust Territory of the Pacific Islands, Saipan.
 BARKER, Shirley, News (South Pacific) Ltd., Fiji.
 BARKER, Victor, News (South Pacific) Ltd., Fiji.
 BRADY, Martin, Third Secretary, Australian High Commission, Fiji.
 CHAUHAN, I. S., Director, Indian Cultural Centre, Fiji.
 COLE, Allan, Editorial Manager, "New Zealand Herald," Chairman, New Zealand Journalists Training Board.
 DEAN, G. Habi, Publisher, "Volagauna," Fiji.
 DROLLET, Michael, Cook Islands Radio & Newspaper Corporation.
 FAALOGO, Faalogo Pito, Managing Editor, "Samoa Times," Western Samoa.
 FENNELL, Bernard J., Charge d'Affaires, American Embassy, Fiji.
 FONUA, Siosua H., Editor, "Tonga Chronicle."
 HARKNESS, Phillip, Newspapers of Fiji Ltd.
 INDER, Stuart, Editor, "Pacific Islands Monthly."
 JONES, Bertram, Matt Wilson Limited, Fiji.
 JOHNSTONE, Ian, Educational Broadcasts Officer, South Pacific Commission, Fiji.
 LLOYD, Tom, Editor, "The Norfolk Islander," Norfolk Island.
 MALIETOA, Faleaoti T., Director of Extension Services, University of the South Pacific, Fiji.
 McCLELLAND, Robert, New Zealand Newspapers Ltd.
 MISHRA, K. P., Editor-Publisher, Jai Fiji Publications.
 MOSE, Kalati, Editor, "Savali," Press Officer, Western Samoa.
 MOSES, John, Managing Editor, "Fiji Times & Herald Ltd."
 MURPHY, Joseph, Editor, "Micronesia Independent," Marshall Islands.
 RAILOA, Savenaca T., P.R.O., Native Land Trust Board, Fiji.
 SAPIAS, Austin, Press Secretary, Chief Minister's Office, Papua-New Guinea.
 SHARMA, Vimal, Chief Reporter, "Shanti Dut," Fiji.
 SMYSER, A.A., Editor, "Honolulu Star-Bulletin," USA.

TEKAAI, Timai, Acting Chief Information Officer, Gilbert & Ellice Islands.
 VERRIER, Lindsay, "Pacific Daily, Ltd.," Fiji.
 VOIDREKETI, Luke, Editor, "Nai Lalakai," Fiji.
 WILLIAMS, George, News Director, Fiji Broadcasting Commission.
 WILSON, Matt, Matt Wilson Limited, Fiji.
 YAQONA, Stephen, Government Public Relations Office, Fiji.

Professional Development Associates

Participants

CARTER, Ellwood, Training Consultant in Sociology, University of Chicago, USA.
 ECHOLS, James, Population Officer, U.S. Information Agency.
 HADLOW, Martin Lindsay, Assistant Supervisor, National Broadcasting Commission, Papua New Guinea.
 HICKERSON, Francine, Training Consultant, New Jersey, USA.
 HSU, Yvonne, Head of Information, Education and Communication for the Provincial Family Planning Committee of Taiwan.
 LIM, Lan-Ching, Health Educator, Family Planning Committee of Taiwan.
 LIN, Yvonne-Hsu, Planning Officer, Family Planning Committee of Taiwan.
 KLINE, David, Director of Harvard University Center for Studies in Education and Development.
 QURESHI, Mohammad Iqbal, UNESCO Communication Consultant, Pakistan.
 SNYDER, Mary-jane R., operates consultant service in population communication, Chicago, USA.
 TANAKA, Toshihisa, Japanese Organization for International Cooperation in Family Planning.
 VOLLAN, Clayton, Associate Professor of Education, University of British Columbia, Canada.

APPENDIX D

East-West Communication Institute

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. ASSIFI, Najibullah M.	Afghanistan	MA	Ed. Comm.
2. BECKER, Carl B.	USA	MA	Philos.
3. BOONYAKETMALA, Boonrak	Thailand	MA	Am. Studies
4. CAMACHO, Carlos S.	Trust Territory	MA	Public Health
5. CATLING, Ann	Australia	MA	Ed. Foundations
6. CHEN, Chao-lang	Rep. of China	MA	Speech Comm.
7. CHEN, Shih-min	Rep. of China	MA	Speech Comm.
8. CHO, Young-hee	Korea	MA	Speech Comm.
9. CHOTZEN, Yvonne E.	USA	MA	Speech Comm.
10. HALL, Edward P.	USA	MA	Speech Comm.
11. HARA, Lynne H.	USA	MA	Speech Comm.
12. HSU, Mu-lan	Rep. of China	MA	Speech Comm.
13. ISHIZUKA, Yoshikazu	Japan	MA	Am. Studies
14. IWAMA, Tohru	Japan	MA	Polit. Sci.
15. KANKO, Ryuichi	Japan	MA	Polit. Sci.
16. KIM, Linsu	Korea	MA	Bus. Ad.
17. KING, Margaret	USA	PHD	Am. Studies
18. KWONG, Elaine	Hong Kong	MA	Ed. Comm.
19. LEE, Sang-hwe	Korea	MA	Speech Comm.
20. LOUI, Patricia	USA	MA	Asian Stud.
21. MACLEOD, Margo W.	USA	MA	Speech Comm.
22. MANUEL, Manuel M.	Philippines	MA	Info. Sci.
23. MAPPATOTO, Andi B.	Indonesia	MA	Polit. Sci.
24. MCDONOUGH, Robert	USA	MA	Geography
25. MIYAZAKI, Kimie	Japan	PHD	Linguistics
26. MOINUDDIN, Khaja H.	India	PHD	Econ.
27. MORRISEY, Cynthia L.	USA	MA	Asian Stud.
28. MOVIDA-ESCALADA, Monina	Philippines	MA	Speech Comm.
29. MYRDAHL, Thomas W.	USA	MA	Am. Studies
30. O'KEEFE, Robert	USA	MA	Ed. Comm.
31. PAPA, Ferhat F.	India	MA	Elect. Engr.
32. PARK, Jung-soo	Korea	MA	Econ.
33. PARK, Nyon-su	Korea	MA	Am. Studies
34. PESTANO, Rebecca Y.	Philippines	MA	Asian Stud.
35. PRAKOBPHOLE, Rawewan N.	Thailand	MA	Am. Studies
36. PRAPPHAL, Kanchana	Thailand	MA	ESL
37. RAMACHANDRAN, Rasu N.	Singapore	MA	Lib. Stud.
38. RAO, Petluri S.	India	MA	Info. Sci.
39. ROSEGG, Peter	USA	MA	Asian Stud.
40. ROWAN, Sandra C.	USA	MA	Pacific Is. Stud.
41. SCHMUECKER, Michael	USA	MA	Ed. Comm.
42. SHANEY, Kevin	USA	MA	Public Health
43. SHARMA, Lalit N.	India	MA	Ed. Comm.
44. SOLOMON, Douglas	USA	MA	Public Health
45. TAYABAS, Benjamin	Philippines	MA	Speech Comm.
46. TONGYODE, Puapun	Thailand	MA	Elem. Ed.
47. WANG, Yaw-nan	Rep. of China	PHD	Polit. Sci.
48. WENG, Shieu-chi	Rep. of China	MA	Am. Studies
49. YUM, June	Korea	MA	Polit. Sci.

APPENDIX E

East-West Communication Institute

FIELD EDUCATION

- ASSIFI, Najibullah (Ed. Comm.): Summer study at Kent State University; professional visits to leading newspapers in New York and Washington, D.C., and to UN Development Support Communication Service headquarters, New York. (6/13/74 - 8/28/74)
- BECKER, Carl (Philos.): Research on Japanese Buddhism, visits to leading Buddhist temples, attendance at Buddhist lectures. (7/13/73 - 9/1/73)
- BOONYAKETMALA, Boonrak (Am. Studies): Summer study at Columbia University and professional visits to UN Development Support Communication Service, New York, Washington Post and Los Angeles Times. (5/19/74 - 7/30/74)
- CAMACHO, Carlos (Public Health): Professional visits on administrative aspects of preventative medicine with health service officials in Western Samoa, Tonga and New Zealand. (6/23/73 - 8/23/73)
- CATLING, Ann (Ed. Foundations): Developmental education planning research on Papua New Guinea educational system; professional visits to educational organizations in Australia, Indonesia, Singapore and Thailand. (12/25/72 - 12/31/73)
- CHEN, Chao-lang (Speech Comm.): Collect research data concerning agricultural and family planning innovations by visiting universities with family planning communication study centers and agricultural communication institutes in the United States. (5/15/73 - 7/15/73)
- CHEN, Shih-min (Speech Comm.): Summer study at University of Wisconsin. (6/2/73 - 8/22/73)
- CHO, Young-hee (Speech Comm.): Summer study at the University of Minnesota, plus additional study at University of Chicago, International Planned Parenthood Federation and Population Council, New York. (5/19/73 - 8/29/73)
- CHOTZEN, Yvonne (Speech Comm.): Internship with UN Development Support Communication Service, Thailand. 9/30/73 - 12/18/73)
- HALL, Edward (Speech Comm.): Thesis research on "A Comparative Study of Receiver Communication Behavior in the U.S. and Japan," at Hiroshima University, Japan. (9/29/73 - 10/27/73)
- HARA, Lynne (Speech Comm.): Thesis research on "A Cross-Cultural Study of Women's Motives to Avoid Success" at Doshisha University, Kyoto, Japan, and Chulalongkorn University, Bangkok, Thailand. (10/18/73 - 12/24/73)
- HSU, Mu-lan (Speech-Comm.): Summer study at Stanford University. (6/14/73 - 8/19/73)
- ISHIZUKA, Yoshikazu (Am. Studies): Summer study at Georgetown and American Universities, Washington, D.C. (5/12/73 - 7/28/73)
- IWAMA, Tohru (Polit. Sci.): Summer study at American University, plus internship at UN Student Intern Program, New York. (5/30/74 - 8/29/74)
- LEE, Sang-hwe (Speech Comm.): Professional visits to study mass communication and broadcasting in television and radio—in New York, Washington, D.C., Michigan, Massachusetts, Illinois and California. (7/16/73 - 8/31/73)
- LOUI, Patricia (Asian Stud.): Summer study at Mandarin Chinese Language Center, Taipei, internship with "Echo Magazine," professional visits to UN Development Support Communication Service in Thailand. (6/20/74 - 10/13/74)
- MacLEOD, Margo (Speech Comm.): Thesis research on intercultural communication, "A Study of Japan Business Relations in Thailand," in Thailand and Japan. (9/7/73 - 6/30/74)
- MANUEL, Manuel (Info. Sci.): Spring and summer internship with University of Hawaii computing center and Hawaiian Telephone Company, Honolulu. (4/19/74 - 8/31/74)
- MOINUDDIN, Khaja (Econ.): Doctoral research on econometric model in India conducted at Yale University, in cooperation with University of Hawaii. (2/5/73 - 3/4/74)
- MORRISEY, Cynthia (Asian Stud.): Internship with "Honolulu Advertiser." (1/19/74 - 6/30/74)
- MOVIDO-ESCALADA, Monina (Speech-Comm.): Internship with Corporation for Public Broadcasting, Washington, D.C., and study visits to radio and television stations and universities in Washington, Michigan, New York, Washington, D.C., Pennsylvania and California. (6/19/73 - 9/2/73)
- MYRDAHL, Thomas (Am. Studies): Internship with UN Development Support Communication Service in Thailand. (8/15/73 - 12/31/73)
- PAPA, Ferhat (Elect. Engr.): Summer study at UCLA, plus professional visits to institutions conducting research or producing microwave components used in microwave communication. (6/17/73 - 7/18/73)

PESTANO, Rebecca (Asian Stud.): Research at various universities on U.S. mainland offering Southeast Asian studies programs, searching for primary source material on a selected period in Philippines history-- mainly at Library of Congress, Cornell University and University of Michigan. (8/28/73 - 12/3/73)

PRAKOBPHOLE, Rawewan (Am. Studies): Summer study at University of Wisconsin, plus professional visits to major newspaper and magazine publishing companies in New York and Washington, D.C., and UN Development Support Communication Service headquarters, New York. (6/5/74 - 9/2/74)

PRAPPHAL, Kanchana (ESL): Summer study at University of Michigan. (5/28/73 - 8/28/73)

RAMACHANDRAN, Rasu (Lib. Stud.): Spring study at University of Minnesota. (2/15/73 - 7/9/73)

RAO, Petluri (Info. Sci.): Visit a number of institutes, universities, manufacturing plants and service bureaus to gain knowledge of how information processing and communication networks are being developed using high computer potential in Massachusetts and California. (7/17/73 - 8/22/73)

ROWAN, Sandra (Pacific Is. Stud.): Internship with South Pacific Commission, Fiji, and Information Office, Niue. (5/19/74 - 8/25/74)

SCHMUECKER, Michael (Ed. Comm.): Internship with UN Development Support Communication Service, Thailand. (8/15/73 - 12/6/73)

SHANEY, Kevin (Public Health): Research on the efficacy of the audio cassette tape recorder as a family planning information dissemination device, working with the Family Planning Association of Nepal. (7/5/73 - 1/13/74)

SOLOMON, Douglas (Public Health): Language study at Mandarin Chinese Training Center, Taipei, and internship with UN Development Support Communication Service, Thailand. (6/14/73 - 1/16/74)

TAYABAS, Benjamin (Speech Comm.): Thesis research on "Study of Diffusion and Adoption of the Use of Newspaper in the Classroom as an Educational Innovation" in Michigan and New York. (8/18/73 - 9/30/73)

TONGYODE, Puapun (Elem. Ed.): Summer study at Syracuse University. (5/28/73 - 8/22/73)

WENG, Shieu-chi (Am. Studies): Summer study at Syracuse University, plus professional visits to major newspaper and magazine publishing firms in New York and Washington, D.C., and UN Development Support Communication Service headquarters, New York. (6/29/74 - 9/2/74)

APPENDIX F

East-West Communication Institute

PUBLICATIONS

Publications generated by
Developmental Communication:

Hidetoshi Kato, John McHale and Daniel Lerner
**COMMUNICATION AND THE CITY: THE CHANGING
ENVIRONMENT**
Paper No. 7. November 1973. 47 pp.

Prof. Kato's and Prof. Lerner's papers trace development of city and its changing nature and role; Prof. McHale's paper looks at modern societal changes in form of macro institutions. Prepared for a conference on "Communication and Urbanization."

Contents: A Note on the Communication and Urbanization Conference; Foreword; From Pantheon to Presley: Changes in Urban Symbolism; Some Notes on the Changing Information Environment for Man; Communication and Urbanization: Some Research Issues.

Godwin C. Chu
**COMMUNICATION, SOCIAL STRUCTURAL CHANGE AND
CAPITAL FORMATION IN PEOPLE'S REPUBLIC OF CHINA**
Paper No. 9. June 1974. 29 pp.

Focuses on China's experience of economic development beginning at eve of Communist take-over. Analyzes ways the mass media and interpersonal communications were used to change economically relevant social structures in inter-class confrontations, and part these patterns played in process of capital formation for economic development.

Contents: Introduction; Social Structural Change: Land Reform, Wu Fan Movements, Social Transformation; Surplus Value and Investment: Production Increase Campaigns, Restricted Consumption; Summary and Discussion; Notes; Tables.

**INFORMATION, EDUCATION, COMMUNICATION IN
POPULATION: REPORTS ON COUNTRY PROGRAMS AND
FUTURE NEEDS FOR INTERNATIONAL ASSISTANCE IN
POPULATION/FAMILY PLANNING IEC**
Continuing Series.

Approximately 25 reports on selected countries in Asia, Latin America and Africa focus on current IEC activities and on proposed future IEC activities, particularly perceived need for assistance and nature of such assistance. Reports encompass planning and operation of programs communicating information about population/family planning to various audiences plus training, research and evaluation components of such programs.

Contents: Part One: Population/Family Planning IEC Activities; Part Two: Needs for International Assistance in Population/Family Planning IEC Activities; Appendices. Reports in FY 1974: Malaysia (Peninsular), Philippines, Thailand, Iran, Turkey, Egypt, Singapore, Korea, Taiwan, Indonesia.

**INFORMATION, EDUCATION, COMMUNICATION IN
POPULATION: REPORTS ON INTERNATIONAL
ASSISTANCE AGENCIES' PROGRAMS/SERVICES**
Continuing Series.

Series of comparable reports to provide information on IEC support and services provided by multilateral, bilateral and private donor agencies and organizations.

Contents: General Description, Program in Population/Family Planning; Program in Information, Education, Communication (IEC) for Population/Family Planning; Current and Proposed Activities in Population/Family Planning IEC; Appendices. Reports in FY 1974: Foreign and Commonwealth Office, Overseas Development Administration; Family Planning International Assistance; United States Agency for International Development; United Nations Fund for Population Activities (updated version); World Education (updated version); Population Council (updated version); World Neighbors; Population Crisis Committee; United Nations Educational, Scientific, and Cultural Organization.

**INFORMATION, EDUCATION, COMMUNICATION IN
POPULATION: REPORTS ON ORGANIZATIONS
PROVIDING TRAINING/INFORMATION/CONSULTING
SERVICES**
Continuing Series.

Non-grant-making institutions that conduct training, provide consultative assistance, or offer information services in population IEC are included in this series.

Contents: General Description of Total Organization or of Major Components Interested in Population; Current and Planned Services Available in Support of Population and Family Planning Information, Education, Communication; General Assessment by Staff of Program in Support of Population and Family Planning IEC; Appendices. Reports in FY 1974: University of Chicago, Columbia University Teachers College, Cornell University, East-West Communication Institute, Harvard University, University of Michigan, University of North Carolina, Development Support Communication Service, UNDP.

**INSTITUTION BUILDING IN POPULATION
COMMUNICATION AT THE EAST-WEST CENTER:
ANNUAL REPORT 1973**
43 pp.

Report describes 1973 Institute programs of research, education and professional development funded by USAID through an institution-building grant and an Inventory-Analysis Project contract. Focuses on activities in population and family planning information, education and communication (IEC).

Contents: Summary and Highlights; Professional Development; Information Services; Case Studies and Other Research; Materials Development; Degree Education; International Advisory Committee; Staff Development; Budget and Other External Contributions; Future Activity.

POPULATION EDUCATION IN THE ASIAN REGION: A CONFERENCE ON NEEDS AND DIRECTIONS
June 1974. 297 pp.

Report includes actions and recommendations of conference, plus findings of working groups and reports of programs in population education in represented agencies.

Contents: Part I: Nature, History, and Outcomes of the Conference; Part II: Findings of the Working Groups; Part III: Keynote Address and Reports; Appendixes.

NEWLY ACQUIRED RESOURCE MATERIALS NOW AVAILABLE: SUPPLEMENT TO IEC NEWSLETTER
Bimonthly.

Annotated list of selected newly acquired materials on population/family planning information, education and communication received by Institute's Resource Materials Collection.

CUMULATIVE LIST OF MATERIALS AVAILABLE
Two Editions

Extensive list consisting of selection of materials frequently requested from "materials received" section of and supplements to IEC Newsletter.

QUESTIONS AND ANSWERS ABOUT COMMERCIAL RESOURCES FOR FAMILY PLANNING COMMUNICATION PROGRAMS
1973. 28 pp. Illustrated.

Answers questions family planning program administrators face in deciding whether to hire services of advertising agencies, market research firms or other "commercial" resources for communication components of their programs.

ANNOUNCEMENT: FIRST MODULAR PROGRAM OF PROFESSIONAL DEVELOPMENT IN POPULATION INFORMATION, EDUCATION AND COMMUNICATION
February 25 - May 3, 1974
1973. 4 pp.

Describes new Institute activity consisting of a variety of discrete learning modules from which participants draw to shape their own instruction program geared to their particular needs and existing levels of expertise.

Contents: Problem-Centered Modules; Resource Personnel; Requirements for Admission; Fellowships; How to Apply.

BETTER COMMUNICATION FOR CHANGE: REPORT OF THE PACIFIC ISLANDS AGRICULTURAL INFORMATION AND COMMUNICATION WORKSHOP
August 13 - September 21, 1973. 12 pp.

Describes six-week workshop for information specialists working in departments of agriculture in Pacific Islands and neighboring countries, including workshop activities, participants and resource persons.

Contents: Ten Countries Represented at Information Workshop; Participants; "Take-Home" Projects Aim at Better Communication; Training to Improve Field Agent Communication; Joint Meetings with Research Assistant Group; Radio Training; Publications Training; Fisheries Tour; Farm Visit; Resource Persons.

IEC NEWSLETTER: INFORMATION, EDUCATION AND COMMUNICATION IN POPULATION
Bimonthly.

A twelve-page newsletter designed to disseminate information about worldwide developments in population IEC and about population-related research, training and information activities at the Institute to practitioners and administrators of population communication programs, donor organizations, libraries and a wide range of persons with related interests.

Multi-media packages generated
by Developmental Communication:

Sang Jo Kim and D. Lawrence Kincaid
MOTHERS' CLUBS AND FAMILY PLANNING IN RURAL KOREA
June 1974. 35mm slide/tape, color. 12 min. In Korean and English.

Contribution of mothers' clubs to family planning and to general rural development programs is described, based on results of case study of Korean Mothers' Club Program conducted in 1973 by the School of Public Health of Seoul National University and by the Institute. Critical events and achievements of a highly successful mothers' club are contrasted with a relatively inactive mothers' club in order to identify the potential problems of club development and the solutions to these problems. The Korean language version is designed for training mothers' club leaders by Planned Parenthood Federation of Korea, and for training family planning field workers by the Korean Institute of Family Planning. The English version is designed for the professional development programs of the Institute. Presentation may be stopped at key points in order to discuss: (a) characteristics of effective leadership; (b) methods for building community support; and (c) methods for improving group cohesion and cooperation.

John Shklov, Director
VIDEOTAPE CONFERENCE REPORT: MAKING
POPULATION/FAMILY PLANNING RESEARCH USEFUL:
THE COMMUNICATOR'S CONTRIBUTION
June 1974. 1/2 inch videotape, B/W. 30 min.

Documents key insights and concepts that emerged during Institute conference held December 3-7, 1973, when 35 practitioners and scholars from Asia and U.S. gave special attention to their interrelated roles in research utilization process.

Report includes introductory and summary statements, and edited excerpts from key interviews taken during week.

Everett Hagen, John Shklov and Fred Burian
INNOVATORS AND ECONOMIC DEVELOPMENT
July 1973. 1/2 inch videotape, B/W. 30 min.

Dr. Everett Hagen, Prof. of Economics at the Massachusetts Institute of Technology and East-West Technology and Development Institute Fellow, explains his theory and observations of relationship between innovation and economic development. Compares two primary geographical areas in world: Europe and Asia. Following lecture is panel discussion with staff members from Communication Institute, Technology and Development Institute and Culture Learning Institute who analyze Hagen's theories with Dr. Hagen.

Donald Chauls, Lecturer; John Shklov, Director
DEMOGRAPHERS LIKE TO KEEP THEIR JOBS
July 1973. 1/2 inch videotape, B/W.

Dr. Donald Chauls, Harvard Graduate School of Education, presents simple overview of demography in a classroom session for the Institute's Second Specialist Workshop participants. Complete lecture is on videotape and in mimeographed form.

Everett M. Rogers, Lecturer; John Shklov, Prod/Director
THE ELEMENTS OF COMMUNICATION
July 1973. 1/2 inch videotape, B/W. 30 min.

Dr. Everett M. Rogers, Professor of Communication, Michigan State University, talks with Katherine Kwan Tan, student from Singapore in communication, about nature of communication. In a question and answer format, this overview includes discussion of channels of communication, source/receiver effects, noise and taboos.

John Shklov, Prod/Director
FAMILY PLANNING STUDY SERIES
1973. 1/2 inch videotape series. 15-30 min. each.

Series of short videotapes using expertise of short-term visitors to the Institute.

Contents: B. Aluvihare, IPPF and Dr. Robert P. Worrall, CI: "Kinds of Assistance IPPF Provides to Family Planning Organizations"; B. Aluvihare, IPPF and Dr. Sanford Danziger, CI: "What is IPPF?";

Mariam Bucher, Airlie Foundation and Dr. Danziger: "Filmmaking in Family Planning Programs"; Majeed Khan, UNFPA: "The Function of the Family Planning Advisor/Consultant"; J.A.D. Lanerolle, Population Services International and Douglas Solomon, CI: "Printing Marketing Project: Family Planning"; Dr. A.V. Shanmugam, IMC-UNESCO Family Planning Communication Project and Dr. D. Lawrence Kincaid, CI, "Communication Components of Family Planning"; Dr. Winarno Surakhmad, Ministry of Education, Jakarta and John M. Middleton, CI: "Curriculum for Family Planning Training"; M. Ylanan, Philippine Business for Social Progress: "Demand Creation in Rural Development."

Luzviminda Gutierrez, Lorraine Herm and Sanford Danziger
ADAPTING POPULATION COUNCIL/WALT DISNEY
MATERIALS TO PHILIPPINE SETTING
Kit No. 7. April 1972. Filmstrip, cassette and accompanying typescripts. In English and Tagalog.

Kit includes a color, 35 frame filmstrip called "Si Mang Tomas; Ang Ama Ng Tahanan" (The Father of the House), and an accompanying cassette tape with English script. Designed for barrios in Philippines, has a modified audio cassette track, different order of scenes, and adjusted hairstyle, clothing and local village scenes. Also included in the kit are three typescripts: (1) description of adaption project--27 pp.; (2) an exercise in filmstrip adaptation (by Merry Lee San Luis)--7 pp.; and (3) a suggested agenda for a unit in filmstrip adaptation--1 p.

Book generated under
Popular Culture:

Hidetoshi Kato
JAPANESE RESEARCH IN MASS COMMUNICATION:
SELECTED ABSTRACTS, 1952-1972
Honolulu: University Press of Hawaii. 1974. 119 pp.

An attempt to unlock door that has barred English-reading scholars from Japanese communication research. Prof. Kato selected, translated and described in abstract form 98 significant research projects, ranging from a remarkable daily time study of the behavior of 170,000 Japanese in 1962 to a month-long study of a single family in which communication behavior was observed and analyzed in minute detail.

Contents: Preface; Introduction; Abstracts; Index.

Publications generated by
International Communication:

PACIFIC ISLANDS COMMUNICATION NEWSLETTER
Three issues.

A forum for exchange of information on current communication activities in various parts of Pacific. Reports on Institute activities and actively solicits communication news from readers.

JEFFERSON FELLOWSHIPS

1974. 4 pp.

Recruitment brochure describing Institute's annual program for mid-career journalists from Asia and the Pacific areas.

Contents: Jefferson Fellow Study Project; Terms of the Fellowships; Qualifications and Selection; Procedure for Application; Jefferson Fellowship History; The East-West Center.

General Institute
Publications:

EAST-WEST COMMUNICATION INSTITUTE DOCUMENTS
ACCESSIONS LIST

Bimonthly.

Lists and annotates selected resource materials acquired for Institute collection. Topics covered by materials include communication in social and economic development, international/intercultural communication, mass media development, and educational/instructional communication technology, with special emphasis on Asia and Pacific.

EAST-WEST COMMUNICATION INSTITUTE ANNUAL
BULLETIN, 1973-74

20 pp.

Describes Institute's programs and activities.

Contents: The Institute--What It Is and Does; The Program; The People; Information Services and Publications; Tentative Schedule of Activities.

APPENDIX G

East-West Communication Institute

STAFF

Director

SCHRAMM, Dr. Wilbur: Was educated at Harvard and University of Iowa where earned Ph.D. in 1932. Later served as research professor and dean at University of Illinois. For 18 years before joining the staff of Institute, was Janet M. Peck Professor of International Communication, and director of Institute for Communication Research at Stanford University. Has done research on four continents and is author of 20 books and more than 100 articles. Within last year, was awarded Missouri Gold Medal for distinguished service to journalism and Deutschmann Prize for distinguished contribution to communication research.

Assistant Director

WORRALL, Dr. Robert P.: Joined East-West Center after four years as assistant representative in India for Ford Foundation with responsibility for information and communication in India and Nepal. Prior experience with Ohio State and Michigan State Universities in agricultural information and communication training. Bachelor's degree in agricultural education from Ohio State University, master's in agricultural journalism from University of Wisconsin, doctorate in adult and higher education from Michigan State University.

Research Associates

CHU, Dr. Godwin: Formerly professor of communication and director of Graduate Research Program at Southern Illinois University, joined the Institute in 1974. Is author of "Learning From Television" and of a number of monographs and scholarly articles on the use of communication and development, especially its use within China. Born in Peking, earned Ph.D. at Stanford.

DANZIGER, Dr. Sanford: Institute Fellow in 1971. Formerly Peace Corps staff physician in Central America, served as communications and family planning consultant to a number of international organizations before coming to Honolulu. Studied medicine at Baylor Medical School in Texas and earned M.D. in 1965.

KATO, Prof. Hidetoshi: Joined staff in 1972, divides time between East-West Center and Communication Design Institute, Kyoto, where he is director. Was educated in sociology at Hitotsubashi University in Japan, postgraduate work at Harvard and University of Chicago. Former East-West Communication Institute Fellow (1970-71), is in charge of Institute's program in study of popular culture, which includes study of effect of television on children in different cultures.

KINCAID, Dr. D. Lawrence: Received B.A. in psychology from University of Kansas in 1967, then spent next two years working in urban community development and cooperative organization as Peace Corps volunteer in Colombia. Graduate work in communication at Michigan State University, Ph.D. in 1973. Main specialization in communication is area of modernization and development, and diffusion of innovations. Is responsible for planning and conducting series of case studies of exemplary and innovative uses of information, education, and communication in population programs, and for developing new material for professional development projects.

LIM, Dr. Maggie: Born in Singapore, joined the staff as Associate Specialist in fall of 1971. Was formerly head of Maternal and Child Health Services in Singapore. Has many years involvement with growth of family planning in Southeast Asia through information and education activity with Southeast Asian and Australian Regional Office of International Planned Parenthood Federation. Holds joint faculty appointment as associate professor of International Health Program, School of Public Health, teaches courses on population and family planning programs. Currently vice-president, Hawaii Planned Parenthood.

RAHIM, Dr. Syed A.: Was chief of Rural Institution Sector in Planning Commission of Bangladesh before joining Institute in April 1974. Worked as director of research in Comilla Academy for Rural Development from 1963 to 1971. Work for more than 15 years has involved study and evaluation of rural development problems, including communication and institution building. Made significant contribution in formulation of first five-year plan for Bangladesh. Received M.A. in statistics from Dacca University, and doctorate in communication from Michigan State University in 1968.

RICHSTAD, Dr. Jim: Was UH assistant professor of journalism before joining Institute. Received a Ph.D. in mass communication from University of Minnesota, has worked on newspapers in Illinois, Washington and Honolulu. Engaged in developing directory, bibliographic and newsletter materials on communication and journalism in Pacific Islands, related journalism training and satellite programs. Has worked with Communication and Peace in the Pacific project, and Jefferson Fellows program. Also serves as executive director of Honolulu Community Media Council.

ROSARIO, Dr. Florangel Z.: Joined Institute staff after 1 1/2 years with Population Institute. Holds joint faculty appointment with UH program in communication--teaches intercultural communication, communication in innovation and communication process. Has more than 10 years of mass media experience as television and radio director, producer,

writer and researcher in Philippines, also taught mass communication in several colleges and universities in Philippines. Undergraduate work in English literature, graduate work in education, receiving Ph.D. in mass communication in 1970 from Syracuse University. Is involved in case study projects in population communication and advises Institute graduate students on research projects.

Staff Researchers

ADHIKARYA, Ronny: Holds M.A. in communication arts from Cornell University. An Indonesian citizen, previously received awards for reporting for Indonesia Raya. Is conducting country studies of support to family planning/population information, education and communication.

BUCK, Elizabeth: Conducts research on Institute's inventory-analysis project, a graduate of Duke University and UH where she received her M.A. in library science in 1967. Previously was reference librarian with Northwestern University libraries, and with U.S. Office of Education.

MIDDLETON, John: Former executive director of Program and Training Council of ACTION/Peace Corps, is chairman of Institute task groups for Population Education and Modular Professional Development. Has served as special assistant to associate director of Peace Corps, and as Peace Corps educational program consultant in Marshall Islands. Is completing his doctorate in educational planning from Harvard.

RADEL, Dr. David: Came to Center from Nairobi, Kenya, in 1971. Was regional advisor on population matters with Ford Foundation. Undergraduate studies at Harvard in social relations, later as Fulbright scholar did graduate work in Berlin. Received doctorate of sociology in 1973 from University of Minnesota. Coordinates Institute's inventory-analysis project, involving some 60 studies of country program needs for and sources of international assistance in population/family planning communication. Also works closely with various documentation and publication activities of Institute, and is conducting research on processing and utilization of technical information in support of development. Recent consulting assignments have included participation in six-week World Bank mission.

WHANG, Dr. Henry Hichul: Born in Korea, is Population Project Coordinator. Was engaged in development of population education programs in Korea at Central Education Research Institute, a member of Teacher Corps in Milwaukee Public Schools. Has Ph.D. in education administration from University of Wisconsin.

Program Officers

GUGELYK, Ted: Senior Program Officer for degree studies holds B.A. in anthropology and M.A. in sociology from UH. From 1970 to 1972 was Dean of Students at Maui Community College. Served as sociologist in UH School of Public Health (1969-70), and as specialist in student personnel, International Student Office, UH (1967-69).

SAN LUIS, Merry Lee: Program Officer. Joined Institute staff in early 1971. Previously served for nine years in Southeast Asia, principally the Philippines, with temporary assignments in Vietnam, Taiwan and Hong Kong. Was head of Office of Information at the International Rice Research Institute and Information/Education Advisor to Agency for International Development, Philippines. At Institute, is concerned with professional development programs in developmental communication.

WHITE, Margaret: Program Officer for Professional Development Activities, joined Institute after working as reporter for Associated Press and conference officer for Pacific and Asian Affairs Council in Hawaii. Holds degree in journalism and political science from Marquette University, and earned M.A. in Asian studies at UH while on East-West Center grant.

Specialists

ARNOLD, Carol: Assistant Resource Materials Specialist, received M.A. in library studies from UH. Before current appointment, had worked in documentation programs in UH graduate library and Institute. Holds undergraduate degree from New England Conservatory of Music, and M.A. in music from George Peabody College.

JAMIESON, Virginia: Publications Officer, joined Institute staff after doing research and editing on an Asian literature project funded by National Endowment for Humanities. For past 15 years, has specialized in editing and managing publication of social science research results, first with Human Relations Area Files, then as chief of editorial office at Center for Research in Social Systems, American University. Later was research associate, writer and editor for Human Sciences Research, Inc. Holds a B.A. in English from Dunbarton College in Washington, D.C.

KONOSHIMA, Sumiye: Resource Materials Specialist, served with East-West Center Library since March 1963. Received undergraduate training in psychology and English literature at Hope College. Holds M.A. in social psychology from Columbia University and M.A. in library studies from UH. Prior to joining East-West Center staff, served eight years as administrative manager for Wenner-Gren foundation in New York.

OKUBO, Sandra: Is responsible for preparing annotations of documents accessions list and for preparing abstracts for the computerized retrieval system. As graduate student at UH School of Library Studies, participated in year-long federally funded Institute for Librarians in a Pluralistic Society, emphasizing service to culturally disadvantaged. Undergraduate work in merchandising, now holds M.A. in library studies. Conducting research in adult education materials, looking for ways to incorporate marketing.

SHKLOV, John: Joined Institute in March 1974, as Media Specialist acting as consultant and resource to all Institute programs requiring media expertise, especially in audio-visual production. Before current appointment, worked as media production consultant to State of Hawaii and as production designer for Iolani Palace Restoration Project. Received M.Ed. in educational communications at UH.

YOUNT, Barbara: Responsible for writing and editing "IEC Newsletter," bi-monthly Institute publication, and for research and writing on country studies series. Received M.A. in international law and relations from Columbia while on Woodrow Wilson scholarship, also received Fulbright grant to France. Served as researcher at Woodrow Wilson Institute for International Relations, Princeton, acting as managing editor for "American Scientist."

Administration

HONG, Vera: Senior Administrative Assistant, has served with former Institute for Student Interchange at Center since December 1962. A native of Hawaii, was graduated from UH with B.A. in sociology.

RUBANO, Judith: Administrative Officer, served as fiscal officer of UH Social Science Research Institute before joining Institute staff. Currently M.B.A. candidate, received B.A. in anthropology from UH. Research in the areas of culture and mental health resulted in book "Culture and Behavior in Hawaii: An Annotated Bibliography" published in 1970 by SSRI.

APPENDIX H

East-West Communication Institute

RESOURCE MATERIALS COLLECTION

The Resource Materials Collection and Documentation activities continued to provide a channel for international exchange of information and materials, primarily on communication and development programs. Over 980 documents, monographs, audio-visual materials, journals and newsletters reflecting communication activities in developing and developed countries were processed and added to the Institute's resources by the teamwork of Sandra Okubo, Carol Arnold and Sumiye Konoshima. Active use of the materials across international boundaries is evidenced by more than 2,500 documents sent to 175 institutions.

The Institute provided information and materials to cooperating institutions, such as the Asian Mass Communication Research and Information Centre, the Indian Institute of Mass Communication and the Institute of Mass Communication, Philippines, for the compilation of bibliographies on communication in Asia. Carol Arnold, Sanford Danziger, David Radel and Iqbal Quereshi worked together in analyzing 90 family planning posters for the development of an "idea" book. A slide set of the 300 posters in the Resource Materials Collection was produced. Educational radio and television scripts of the 1973 Japan Prize entries were added to the resource base for the Institute's Viewing Center.

Sumiye Konoshima and David Radel participated in international meetings on establishing networks and facilitating information flow, exchange and utilization.

Statistics

	<u>1973-74 additions</u>	<u>Total</u>
Documents & Monographs (Processed and Annotated)	720 (650 docs. 70 monos.)	4,522
Journals & Newsletters (New Titles)	28 (24 titles withdrawn)	377
Campaign/training AV Materials	241	1,068
<hr/>		
Documents distributed to Institutions	2,500 approx. 175 approx.	

APPENDIX I

East-West Communication Institute

ADVISORY COMMITTEES

Institute International Advisory Committee

Philip Coombs, former Assistant Secretary of State and Director of the International Institute for Educational Planning, Essex, Connecticut.
Gloria Feliciano, Dean of the Institute for Mass Communication, University of the Philippines, Quezon City.
Hyong Jong Park, Dean of the School of Public Health, Seoul National University, Korea.
Y. V. L. Rao, Director, Asian Mass Communication Research and Information Centre, Singapore.
Lyle Saunders, The Ford Foundation, New York.
Frank Stanton, former President, CBS, New York.
George Verghese, Editor, The Hindustan Times, New Delhi.

International Education Communication Committee

Joo Hyun Lee, Secretary General, Planned Parenthood Federation of Korea.
Dr. G. R. Amritmahal, Training Advisor, NFPCB, Jakarta, Indonesia.
Dr. Haryono Sujono, Deputy Administrator II, BKKB, Jakarta, Indonesia.
Lyle Saunders, The Ford Foundation, New York.
Thomas B. Keehn, President, World Education, New York.
Dr. Donald Bogue, Director, Community and Study Center, University of Chicago.

Population Education Advisory Committee

Dr. Chaliao Buripakdi, Assistant to the Director, Department of Teacher Training, Ministry of Education, Bangkok, Thailand.
Dr. John Kandou, Assistant to the Director of Higher Education, Ministry of Education, Jakarta, Indonesia.
Thomas Keehn, President, World Education, New York.
Dr. David Kline, Center for Studies in Education and Development, Harvard University, Massachusetts.
Conrado Navarro, Deputy Director-General, Responsible Parenthood Council, Manila, Philippines.
Stephen Viederman, Assistant Director, Demographic Division, Population Council, New York.
Dr. Sloan Wayland, Dean, Teachers College of Columbia, Columbia University, New York.

APPENDIX J

East-West Communication Institute

INTERNATIONAL ADVISORY COMMITTEE TO JEFFERSON FELLOW PROGRAM

Charles Moses
Secretary-General
Asian Broadcasting Union
GPO Box 4103
Sydney 2001, Australia

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Professor of Speech-Communication
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Editor
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Paul Grimes
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The Evening and Sunday Bulletin
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Philadelphia, Pennsylvania 19101

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Press Foundation of Asia
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Manila, Philippines

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Editor-in-chief
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Honolulu, Hawaii 96802

A. A. Smyser, Editor
The Honolulu Star-Bulletin
P.O. Box 3080
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Lawrence S. Berger
President KHVH Radio
1290 Ala Moana Blvd.
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EAST-WEST CULTURE LEARNING INSTITUTE

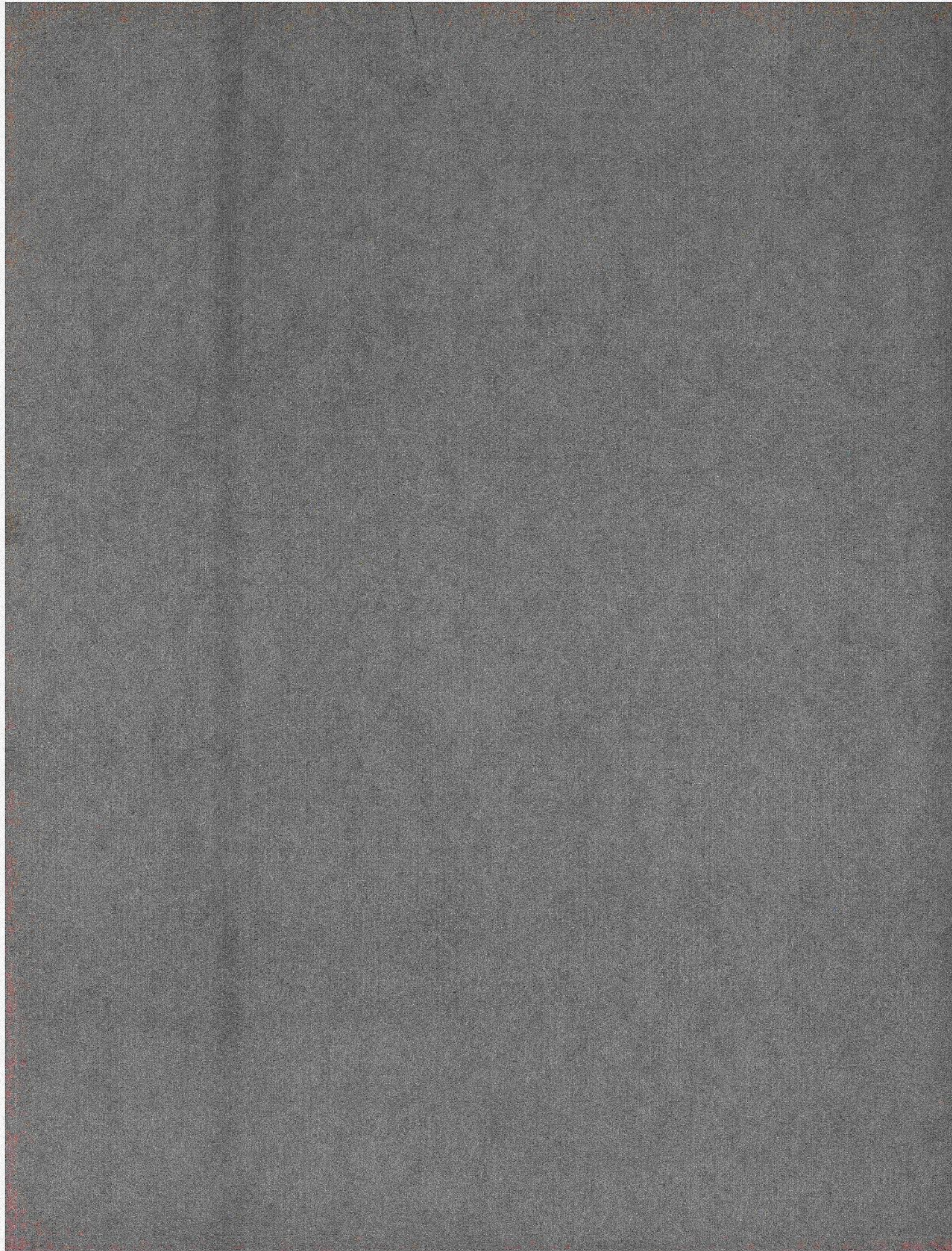
The East-West Culture Learning Institute defines cultures and sub-cultures as those ways of life in a society which express certain meanings and values in humanistic achievements, institutions and forms of behavior.

Starting from this definition, the Institute is concerned to foster better relations and understanding between people of the U.S. and nations of Asia and the Pacific through interrelated programs of research, professional development and graduate education. These programs aim to develop more effective methods of helping persons from different cultures and sub-cultures to understand other persons' cultures and sub-cultures as well as their own. In four thematic areas, or subdivisions, Cultures in Contact, Language in Culture, Cultural Identity and Thought and Expression in Culture Learning, the programs focus primarily on the ways and means by which cultures and sub-cultures may come into contact with each other for the mutual benefit of persons in those cultures and sub-cultures, while individual and national identities are maintained.

The Institute involved its 219 participants in this program through a multifaceted, multilevel organization that included 23 different activities. Eighty-four degree students, 23 of these at the doctoral level, representing 16 countries and 26 disciplines made up the student corp (see Appendix D). Thirty-seven of these students engaged in Institute supervised field study (see Appendix C).

An additional 125 mid-career professionals were participants in the Institute's 11 professional development activities (see Appendix C). Ten Fellows joined staff in carrying out research projects, conducting intercultural weekly seminars and acting as resource persons for other activities (see Appendix B).

A description of projects and activities conducted in the four subdivisions follows:



CULTURES IN CONTACT

Research in this subdivision seeks to study patterns of interaction among persons of different cultural backgrounds, and the positive and negative transfer of learning that members of one culture have when studying about or interacting in another culture.

Work is also in progress to improve the quality of training programs designed to teach members of one culture how to interact effectively in another culture.

During FY 74, projects in this subdivision were conducted on the effects of cultures in contact on individuals and on cross-cultural education.

EFFECTS OF CULTURES IN CONTACT ON INDIVIDUALS

This project focussed on the changes in individuals that occur as a function of cultures coming into contact, especially changes leading either to new learning or to interference with older patterns of learning. Two activities in this project were:

Activity 1: Attitude and Value Change Through the Intercultural Experience: Under investigation in this activity were learning and adjustment problems encountered by persons in educational systems and cultures different from their own. Coordinated by staff research associate Richard Brislin, the activity included multiple interviews with East-West Center degree scholars on their cross-cultural experiences, and interviews with participants in the activity for administrators of English as a Second Language Programs (Language in Culture subdivision). Information from the interviews was used in planning various cross-cultural orientation programs held at the East-West Center, sponsored by both the Culture Learning Institute and the Office of Participant Services. Work in this activity was carried out in close conjunction with Stephen Bochner, former Institute Fellow, who has done similar research reported in the Culture Learning Institute publication "The Mediating Man: Cultural Interchange and Transnational Education." Information from this activity was also shared with participants in the subdivision's Cultural Aspects of Educational Leadership activity.

Activity 2: Cultural Disadvantage and Learning and Language Deficits: There are special concerns involving educational and psychiatric problems that children and adolescents face when members of one culture, labelled as disadvantaged, come into contact and are expected to adjust to another, majority culture. The objective of this activity was to make a specific study of learning problems of culturally disadvantaged children and report the findings in published form.

Preparation of a booklength manuscript by Institute Fellow Barry Nurcombe marked completion of the activity. To be published as an East-West Culture Learning Institute monograph under the title "Children of the Dispossessed," the volume re-examines various definitions of intelligence to gauge their applicability in different cultures, and considers problems of cultural disadvantage and the development of educational programs for culturally different people. Nurcombe developed many of the ideas for the book through extensive contacts with staff research associates Richard Brislin, Mark Lester and Jerry Boucher through a seminar with degree scholars, and through a seminar with participants in the Cultural Aspects of Educational Leadership activity.

CROSS-CULTURAL EDUCATION

This project was concerned with formal educational programs involving culture learning. Such programs may involve education about one's own culture, education about a culture of which a person is not a member, or issues facing both types, such as what happens to people who participate in international education programs. Activities related to this problem were:

Activity 1: The Development and Assessment of Cross-Cultural Training Programs: Most cultural interchange programs include orientation sessions for their participants designed to help them re-examine aspects of their own culture and adjust to the life,

work and leisure patterns of the new culture. This activity was organized to improve design of the orientation seminar, and develop fresh materials for use in different programs by different program leaders. The activity was completed with compilation of two publications: a book-length manuscript, "Cross Cultural Orientation Programs," co-authored by Richard Brislin and Paul Pedersen (University of Minnesota); and with publication in the "Exchange" Magazine of "Can They Go Home Again?" (re-orientation programs for overseas students) co-authored by Richard Brislin and H. Van Buren.

Activity 2: Cultural Aspects of Educational Leadership: This activity was launched to provide professional development opportunities for educational leaders from the United States, Asia and the Pacific. It focussed on effects of social and cultural change on educational administration. For a period of four months, participants worked together with Institute staff and fellows, and with colleagues in the Honolulu school system, in workshops and individually designed assignments. Subject matter included ethnopedagogy, the process of innovation and social and cultural change, cross-cultural decision-making patterns, and inculturation and acculturation. An important feature of the activity was the practicum carried out in Hawaii schools and the field study in Hawaii and on the U.S. mainland. The Center for Educational Research of the University of Alaska arranged a five-day seminar at Fairbanks and Anchorage and encouraged interaction between the sixteen participants and representatives of Alaska's three school systems. The group also attended a workshop arranged on their behalf by the Northwest Regional Education Laboratory in Portland, Oregon. (See list of participants, Appendix C)

Activity 3: Oceania Teacher Development Activity: In response to requests from several countries in the Pacific, a pilot curriculum development activity for educational planners from Fiji, Papua, New Guinea, the Trust Territory and the Cook Islands was organized February 1 to May 1. Administered by the Department of State with Institute assistance through contract, the activity focussed on "Curriculum Development as it Relates to National Needs." The program included workshops, seminars and lectures on such topics as the secondary school curriculum and national needs, the advantages and disadvantages of "track" systems, theoretical foundations of curriculum development and research.

OTHER ACTIVITIES IN THE SUBDIVISION

Other major activities carried out by staff members of the subdivision included editing of the Institute's annual publication, "Topics in Culture Learning," and coordination of the weekly seminar series held in the Institute every Tuesday.

FUTURE PLANNING

The Institute's Third Summer Program in Intercultural Studies was planned during FY 73/74 by a small group of Institute participants, led by coordinator Jerry Boucher, scheduled for July and August 1974. It was organized around the theme "Cross-Cultural Orientation Programs and Non-Verbal Behavior." FY 74 also prescribes continued research in the activity area of "attitude and value change in the intercultural experience" and in "cross-cultural approaches to testing." Planning will begin for major projects relating to the "integration and use of cross-cultural research" and to "emotion and culture."

LANGUAGE IN CULTURE

The role of language as an important feature of cultures and sub-cultures in individual societies has been repeatedly identified as a primary interest of the people and institutions with which the Institute works. Accordingly, a subdivision has been developed on sociolinguistic studies, with particular reference to language planning, bilingual education and second/foreign language education.

LANGUAGE PLANNING

Cooperative planning with SEAMEO (Regional English Language Center, Singapore) continued throughout the year towards a sociolinguistic survey of SEAMEO countries

(Indonesia, Khmer Republic, Laos, Malaysia, the Philippines, Singapore, Thailand and Vietnam). Director Verner Bickley represented the Institute at a feasibility workshop held in Singapore in May 1973. A preliminary proposal was developed at that workshop and goals were established for the survey: (1) investigate the language situation (including the variables of position, function and degree of proficiency of the various languages in use) in each of the SEAMEO countries; (2) investigate necessity and demand for English as a second or foreign language in each SEAMEO country; and (3) investigate language and language-learning attitudes and motivations in each SEAMEO country.

Activity 1: Sociolinguistic Survey of the Southeast Asian Ministers of Education

Organization Countries: Research Associate Karen Watson was designated co-director of the survey following her appointment to the Institute in August 1973. She attended a meeting of co-directors in Singapore in November 1973, where the survey proposal was further refined. In May 1974, she visited the Asia Foundation in San Francisco to seek financial assistance for the activity. The first step in the operational stage will be a workshop held in the summer of 1974 at the East-West Center for principal investigators from the eight SEAMEO countries.

SECOND/FOREIGN LANGUAGE EDUCATION

The aim of this project is, by cooperating in specific activities with institutions and individuals, to attempt to improve the quality of language teaching, particularly but not solely, English language teaching for speakers of other languages in the U.S., Asia, and Pacific countries.

Activity 1: Activity for Trainers of Teachers of English to Speakers of Other Languages:

This activity attempted to up-grade professional knowledge of teacher trainers from Asia, the Pacific and the U.S. through a series of minicourses on language acquisition, linguistics and psycholinguistics, language pedagogy and technology, evaluation and testing, and culture and language. Coordinated by Larry Smith, the minicourses were conducted by staff members, consultants from the UH, community organizations, and by Peter Strevens, a consultant from the University of Essex. A key feature was preparation of a major personal assignment, the results of which could be taken home and utilized. Strevens and Smith visited countries of the participants and conducted a series of lectures and workshops for past and present participants. (See list of participants, Appendix C)

Activity 2: Activity for Administrators of English as a Second Language Programs

(ESOL): Accent was on upgrading the professional knowledge of administrators of ESOL programs from Asia, the Pacific and the U.S. It was organized to partially overlap with Activity 1, that is, minicourses of common interest were conducted so that participants from both activities were able to meet together. The activity was conducted by Larry Smith and Peter Strevens; members of the Institute staff also played an active role. Subject matter included culture and language, cultural aspects of ESOL administration, workshops and how to use them, cost-benefit factors involved in the administration of language programs, evaluation techniques for ESOL and issues and problems in ESOL. (See list of participants, Appendix C)

Activity 3: English to Speakers of Other Languages Materials Development Activity:

This activity attempted to assist participants develop materials suited to the participant's country and teaching situation. Research Associate Mark Lester worked with each participant on an individual basis, acting as a resource person and editor. The group held weekly seminars to discuss current trends in materials development and curriculum design, and held minicourses in transformational grammar given by Lester, tests and measurement from Richard Brislin, using drama to teach a second language from Institute Consultant Richard Via, and in the Gattegno method of instruction by Patricia Cunningham, an Institute degree scholar. One highly successful aspect of the activity was the involvement of degree scholars who worked on a one-to-one basis with activity participants. (See list of participants, Appendix C)

Activity 4: Cross-Cultural Study of Syntactic Development in Children: Institute Fellow Kellog Hunt, in consultation with Mark Lester, developed a testing instrument for measuring syntactic development in children. With the assistance of degree scholars, professional development participants, fellows and staff members, the instrument was translated into seventeen different Asian and Pacific languages. A planned major research publication is now in final stages of data tabulation.

Activity 5: Elementary English Language Teaching in the Philippines: Fe Dacanay, Institute Fellow, developed a proposal for long-range development of a new elementary English language curriculum for the Philippines. One part of the program may be developed as a joint venture between the government of the Philippines and the East-West Culture Learning Institute through the Materials Development activity. Mark Lester will visit the Philippines in the summer, 1974, to discuss the activity with the Philippines government and educators in universities and schools.

BILINGUAL EDUCATION

This project has been established to assist countries in developing programs where two languages are used as media of instruction, one of these languages being a metropolitan language such as English.

Activity 1: Language Development and Bilingual Education: This activity gave participants an overview of basic literature in bilingual education through a series of lectures and workshops presented by Institute staff and Fellows. Mark Lester conducted a weekly seminar in which participants read and discussed the main literature in the field. Richard Brislin conducted a minicourse in tests and measurements, and Karen Watson gave a minicourse on the anthropological view of biculturalism. Fellow Barry Nurcombe presented his work on a school for aborigines in Australia. Some participants also did extensive materials development. (See list of participants, Appendix C)

OTHER ACTIVITIES IN THE SUBDIVISION

Subdivision staff hosted a group of foreign language teachers from the People's Republic of China in December, including presentation of Institute programs underway in the subdivision.

FUTURE PLANNING

The Administrators of English to Speakers of Other Languages Program, the ESOL Teacher Trainers, the Materials Development and the Bilingual Education activities will continue in FY 75. A workshop for the principal investigators of the RELC/CLI sociolinguistic survey of SEAMEO countries will be held August 10 to September 30, 1974.

CULTURAL IDENTITY

This subdivision is concerned primarily with studying what constitutes an individual or group's sense of belonging to a society, how this sense of belonging is learned and transmitted, and what factors of social change inhibit or encourage the growth and nature of a sense of cultural identity. Currently, research in cultural identity is focussed on (a) ways in which cultural identity is learned, expressed and communicated; (b) the relationship of cultural identity to national identity, and the social processes involved in developing national identity; (c) adjustment and adaptation of cultural identity in multicultural settings; (d) conserving (that is, providing continuity in) cultural identity.

During FY 74, three projects were undertaken which focussed on symbolic processes in cultural identity, multicultural processes in cultural identity and sociopolitical processes in cultural identity. A fourth project launched a three-pronged program of professional development in ethnomusicology, museology and archives management planned in cooperation with the South Pacific Commission, UNESCO, the University of Auckland, Bishop Museum of Honolulu, and Honolulu Academy of Arts.

PACIFIC CULTURAL CENTERS PROGRAM

Planning for the Pacific Cultural Centers program began in the Institute shortly after conclusion of the Pacific Directors of Education workshop organized by the Institute in March 1972. By the end of 1972, a curriculum had been planned and announcements describing the program distributed to a large number of countries in the Pacific. These announcements gave details of a coordinated program allowing intercultural exchange within a core of seminars, lectures and extended time for specialized training within the respective fields of archives, ethnomusicology and museology.

The three interrelated activities of phase one of the program were launched in July 1973, and ended in December. Twenty participants from American Samoa, Saipan, Palau, Solomon Islands, Western Samoa, Truk, Ponape, Marshall Islands, Tonga, Cook Islands, New Zealand, Hawaii, Papua New Guinea and Tibet, gathered in Hawaii for the program. An important feature involved a 28-day field study trip to Fiji, New Zealand, Australia and American Samoa. Each of the three groups spent several days at each Center in each of the five countries, sometimes in conjunction with one of the other two groups.

Visits by the ethnomusicology group were planned to give participants as much experience and exposure possible with the kinds of institutions engaged in activities relating to ethnomusicology, ranging from village to urban and from traditional to modern. The itinerary for the group included visits to the Fiji Museum where a performance of Cook Island music and dance was presented, the Archive of Maori and Pacific Music at Auckland, New Zealand, the Institute for Aboriginal Studies at Sydney and the National Black Theatre in Sydney.

Activity 1: Ethnomusicology: The ethnomusicology activity aimed to provide the participants with instruction in the conservation and documentation of traditional styles of music. It paid particular attention to the development of new styles of artistically synthesising newly introduced forms with traditional elements. The activity was coordinated by Barbara Smith, Institute Fellow, with assistance from William Feltz, Institute Resource Materials Specialist and ethnomusicologist, Kenzi Mad, Associate Program Officer, and colleagues from the UH and Bishop Museum of Honolulu. (See list of participants, Appendix C)

Activity 2: Archives: The archives activity focussed on the theory and nature of archives, the principles and techniques of archival arrangement and classification and on the principles and techniques of archival description. The maintenance and conservation of historical and literary "messages" (oral and written) and their role in the conservation of a cultural heritage was emphasized. Ethel Bowen, an experienced archivist and librarian, coordinated the activity with assistance from Institute fellows and staff.

Activity 3: Museology: The museology activity covered the whole range of museum management, emphasizing the role of the cultural center in which the creative arts are encouraged along with the more traditional role expected of a museum. The activity was coordinated by Bruce Palmer, Institute Fellow, and formerly director of the Suva Museum, Fiji, with assistance from Kenzi Mad, and colleagues from the UH, the Honolulu Academy of Art and Bishop Museum of Honolulu.

Michael Hamnet, Institute degree student, conducted a seminar for participants in all three Pacific Cultural Centers activities on the subject of "Culture and Culture Change." (See list of participants, Appendix C)

SYMBOLIC PROCESSES IN CULTURAL IDENTITY

This project was concerned with the ways in which cultural identity is learned, expressed and communicated. During FY 74, its activities were condensed into a three-week summer program involving 26 participants from 14 different countries.

Activity 1: Second Summer Program in Intercultural Studies--Cultural Identity: Main purpose of the activity was to explore the question of whether and in what ways identity problems and concerns could and should find a place in the formal school curriculum. Since participants were all educators, it was taken for granted that accelerated rate of social change in the contemporary world poses identity questions and issues of fundamental importance for everyone, and that identity concerns--except those dealing with regional or world-wide identifications--are local concerns necessarily reflected in curriculum patterns and teaching materials, though differently in different cultures. The activity was designed to search for those insights or principles which educators might find most useful in their own teaching and curriculum planning when they return home.

At the conclusion of the activity, participants agreed that (1) each would explore the possibility in his own country of organizing a mini-workshop on some aspect of cultural identity, (2) excerpts and/or papers and lectures presented at the activity could be reproduced in the UN/ECAFE Newsletter, and (3) materials emanating from the activity could be used in social studies methods classes as another alternative theme of intercultural study.

The activity was coordinated by Research Associate John Walsh. Other Institute staff members, fellows and degree students served as resource persons.
(See list of participants, Appendix C)

SOCIOPOLITICAL PROCESSES IN CULTURAL IDENTITY

This project was concerned with the relationship of cultural identity to national identity and the social processes involved in developing national identity.

Activity 1: Social Psychology of Okinawans in Hawaii, the U.S. Mainland and Japan: Masahide Ota, Institute Fellow, researched and prepared a monograph comparing experiences and attitudes of Okinawan descendants in Japan, Hawaii and the U.S. mainland. His work investigated various factors behind formation of political and cultural identity in Okinawa and elsewhere, under contrasting degrees of social pressure towards assimilation. Several Institute degree students worked with Ota on the theoretical aspects of assimilation and cultural identity, including research on parallel problems in other societies.

Activity 2: Sociocultural Values of Music and Dance: The literature focussing on the relationship of music and dance to identity is sparse. However, data relevant to the topic is scattered in a large number of publications. Barbara Smith devoted some time to a literature search, and was able to make use of some of the material in the ethnomusicology activity which she coordinated. Smith also did considerable work on articles for the forthcoming 6th edition of "Grove's Dictionary of Music and Musicians."

MULTICULTURAL PROCESSES IN CULTURAL IDENTITY

This project was concerned with adjustment and adaptation of identity in multicultural settings and with the conservation of cultural identity.

Activity 1: Cultural Conservation, Tourism and Culture Learning: A degree student research seminar, conducted by Karen Watson, examined theories of tourism, historical development of the concept, and searched the relevant literature for studies on the impact of tourism on societies in the Pacific--primarily to ascertain the social and economic impact of tourism on the region. Initial inquiries generated a workshop co-directed by Watson and Ben Finney, Research Associate in the Technology and Development Institute, on the impact of tourism on Pacific Island Countries. This workshop was sponsored by two Institutes; 25 participants were gathered from American Samoa, Western Samoa, Cook Islands, Fiji, New Guinea, New Zealand, Tahiti, the Trust Territory and the U.S. Four degree students from the Culture Learning Institute and the Technology and Development Institute also participated, three of them making paper presentations of original research. In the second week,

workshop participants drew up concrete proposals for establishment of a Pacific Tourism Studies Center, and requested the South Pacific Social Science Association to assist in its planning and funding. The workshop also featured a field trip to talk to planners and government decision-makers on Maui and Hawaii. (See list of participants, Appendix C)

FUTURE PLANNING

Phase Two of the Cultural Centers Program starts in September 1974, when interrelated activities in ethnomusicology, archives and museology will begin.

Three areas for future activity in the cultural conservation, tourism and culture learning activity are: research into the socio-economic effects of tourism on small island societies and into alternative ways of developing tourism; activities involving compilation of information and utilization of research as input to local societies and government planning; and the formation of a structure to coordinate research action. This structure may be a Pacific Tourism Studies Center, possibly located in Fiji.

THOUGHT AND EXPRESSION IN CULTURE LEARNING

Research in this subdivision is based on the premise that one of the ways a culture reveals itself most fully is in the thinking which guides it, shapes its values and gives rise to its various creative expressions. Work in FY 74 was focussed in two major projects: Culture as Reflected in Social Systems, and Keys to Culture Learning.

CULTURE AS REFLECTED IN SOCIAL SYSTEMS

In keeping with the overall objectives of the subdivision; namely, to arrive at a better understanding of thought patterns and systems that shape a culture and how this is expressed in and through its art forms, the project seeks to discover thinking revealed or manifested in various social systems within a culture. Plans prescribe an examination of such structures or systems within selected cultures as the legal system, religious system, educational system, and the system for providing physical and mental health. This kind of examination aims not only at further and deeper intercultural understanding but also at supplying the information and insights that will be helpful to social planners in educational policy making and reform. It seeks to determine what the values and priorities of a culture really are, as contrasted with what they may be claimed to be.

This is a project likely to extend over many years. Because of staff limitations and earlier work done at the Institute, FY 74 effort was concentrated on the following activities.

Activity 1: The Social and Cultural Context of Literature: This activity aimed at discovering how novelists, poets and dramatists of a culture view the social and human problems within the culture and what they propose as solutions. The assumption is that creative writers of a culture are often the most sensitive spokesman for the culture and are often more aware than most of what the central concerns, problems, and aspirations of the culture are.

The purposes of this activity were (a) to develop an appropriate methodology for reading literature with an eye to its culture teaching-learning content, (b) to discover what key novels reveal of the social and human problems and values of the culture, (c) to discuss and evaluate in a cross-cultural setting the possible interpretations that might be put on central characters in the novel, (d) to distinguish as clearly as possible what is culture-specific in a given novel and what is of universal human importance, and (e) to complete a manuscript defining and illustrating culture learning through literature.

The activity, coordinated by John Walsh, involved nine degree scholars, seven from Asian countries and two from the U.S. Outcome of the activity: (a) important interchange among participants, (b) a manuscript which, if published, should be helpful to those interested in the theory of culture learning as well as to those actually teaching about various cultures, (c) new techniques and strategies for using literature as a means of culture learning, and (d) proposals for further research.

Activity 2: Consultants' Seminar on Socioliterature (August 5 - 11, 1973): Its purpose was to investigate the various ways Socioliterature interprets and illumines human nature, i.e., the human condition and the problems of society and thus contributes to intercultural understanding; and to consider the status of socioliterature as an art form in itself, as well as the functions of socioliterature within any particular culture or society. Twenty-one participants attended the seminar from 15 different countries. Among them were novelists, poets, critics and editors. Prepared papers are being considered for publication by an editor of a journal in the Philippines. Consultants were invited to engage in a dialogue about literature and culture learning, to make specific recommendations regarding the future of the activity. These recommendations have been used in further planning of the activity, which is to continue in FY 75 and FY 76. (See list of participants, Appendix C)

Activity 3: The Attitudes of Europeans to Polynesia during the Eighteenth and Nineteenth Centuries: Institute Fellow, Gavan Daws, conducted research into attitudes of Europeans to Polynesia during the eighteenth and nineteenth centuries. Objectives were to examine what the documentary historical record has to say about a stable society as compared to the society of growth, to establish what can be said about the kinds of personalities produced by each society, and what might happen when they meet in the Pacific islands. A book-length manuscript was prepared by Daws for submission to a publisher in the spring 1975.

KEYS TO CULTURE LEARNING

Activity 1: The Maxim as a Key to Culture Learning: This activity was dependent on outside funding which did not materialize. It was, therefore, postponed indefinitely. However, intentions were to attempt to get at the deep and pervasive thought system and value system of a culture through analyzing the role of a maxim in the life of people of a culture. Cervantes once said that a maxim is a short sentence drawn from long experience. The study, however, would not be so much concerned with the origin and antiquity of a particular maxim, but with what it expresses about the attitudes, understandings and ways of coping with human situations in a given culture. The maxim is thought of as a "key" to culture learning because it comes readily to a person's mind in circumstances where it might apply, and because it is generally accepted as guiding or formative throughout the culture.

Activity 2: Culture Learning Through Drama: During the six-month period of her award, Institute Fellow Shanta Gandhi, began a study of structural patterns of theatre forms in India and Southeast Asia whose influence has spread beyond the countries of origin. Purpose of the study was to examine what blending, if any, took place while they were in the process of being assimilated into indigenous theatre traditions of other countries. Her analysis was focussed on those dramatic forms which use verbal texts, dance and music in varying proportions.

Shanta Gandhi also produced a Sanskrit play, "The Vision of Vasavadatta," during her award and participated in an Institute co-sponsored Conference on the Art of Sanskrit Drama in Performance.

Gandhi was assisted in the production by Ghulam Sarwar, Institute degree student.

This March conference involved Institute cooperation with the UH Asian Studies Program, community groups in Honolulu, and with the Government of India in the organization of the international conference. At the concluding session, chaired by Verner Bickley, participants recommended formation of an international association entirely devoted to exploration and promotion of Asian Drama. (See list of participants, Appendix C)

FUTURE PLANNING

Projects and activities in the "Thought and Expression" subdivision in FY 75 will include planning for activities of a cooperative nature between the Institute and U.S. Overseas Schools, planning for a workshop for Overseas Schools' "Culture Teachers," and planning for a conference on Third Culture Studies. Seminars will continue on the social and cultural context of literature and a new series of seminars given for Institute participants on "Legal Systems and Culture Learning."

STAFF DEVELOPMENT

Cooperating in the Institute's research and professional development activities are program staff, Fellows, degree students and participants. Responsibility for the Institute's administration is vested in the Director.

Four research associates were appointed during the year to work in three of the four Institute subdivisions. Karen Watson was appointed Research Associate in August 1973; she is working in both the "Language in Culture" and "Cultural Identity" subdivisions. Jerry Boucher, social psychologist, joined the Institute in December 1973, concentrating on the "Cultures in Contact" subdivision. Krishna Kumar, an Indian sociologist and David Wu, a Chinese cultural anthropologist, were appointed in May and June, respectively. Their work will be primarily in the "Cultural Identity" subdivision. H. Van Buren, Senior Program Officer for Cooperative Graduate Study, was appointed Senior Program Officer in the Office of the Director, in January 1974, and Gregory Trifonovitch, Senior Program Officer for Professional Development was granted professional improvement leave in January 1974, to complete a doctorate in linguistics.

SEMINARS WITH INSTITUTE PARTICIPANTS

Research associates and fellows met individually and with small groups of degree students and professional development participants from September 1973 to June 1974. The subject matter of the seminars was centered on the following three themes: Emotion and cross-cultural behavior (coordinated by Jerry Boucher); the use of anthropological materials in the cultures from which they came (coordinated by Richard Brislin) and the culturally-disadvantaged and cross-cultural insights into intelligence (coordinated by Barry Nurcombe).

APPENDIX A
1974 Program Matrix
East-West Culture Learning Institute

Subdivision	Cultural Identity	Language in Culture	Thought and Expression in CL	Cultures in Contact
<u>Project</u> Activity	<u>Pacific Culture Centers Project</u> 1. Ethnomusicology 2. Archives 3. Museology <u>Symbolic Processes in Cultural Identity</u> 1. Second summer program in intercultural studies-- cultural identity <u>Sociopolitical Processes in Cultural Identity</u> 1. Social psychology of Okinawans in Hawaii, on U.S. mainland and Japan 2. Socio cultural values of music and dance <u>Multicultural Processes in Cultural Identity</u> 1. Cultural conversation, tourism and culture learning	<u>Language Planning</u> 1. Sociolinguistic survey of the SEAMO region <u>Second/Foreign Language Education</u> 1. Trainers of teachers of English to speakers of other languages 2. Administrators of English as a second language 3. English to speakers of other languages materials development 4. Cross-cultural study of syntactic development in children 5. Elementary English language teaching in the Philippines <u>Bi-Lingual Education</u> 1. Language development and bilingual education	<u>Culture as Reflected in Social Systems</u> 1. Social and cultural context of literature 2. Consultants seminar on socioliterature 3. European attitudes toward Polynesia in 18th and 19th centuries <u>Keys to Culture Learning</u> 1. The maxim as a key to culture learning 2. Culture learning through drama	<u>Effects of Cultures in Contact on Individuals</u> 1. Attitude and value change through intercultural experience 2. Cultural disadvantage and learning and language deficits <u>Cross-Cultural Education</u> 1. Development and assessment of cross-cultural training programs 2. Cultural aspects of educational leadership 3. Oceanic teacher development
Staff Assigned* to Subdivision	Mad, Trivonovitch, Watson	Lester, Smith, Strevens	Anzai, Walsh	Brislin, Boucher, Van Buren
Fellows Assigned* to Subdivision	Palmer, Smith, Ota	Dacanay, Hunt, Sebeok	Malm, Gandhi, Daws	Nurcombe
PD Participants	44	39	20	22
Degree Students	21	21	21	21

* Area of Primary Responsibilities

APPENDIX B

East-West Culture Learning Institute

FELLOWS

DACANAY, Dr. Fe R., Chief, English Section, Bureau of Public Schools, Manila, Philippines.
(2/1/74 - 6/30/74)

Research: Resource person and participant in the Institute's "English as a Foreign Language Materials Development" and "Language Development & Bilingual Education" activities. Also advice to staff on aspects of proposed cooperative project on bilingual education and bilingualism under negotiation with institutions in Philippines.

DAWS, Dr. Gavan, Professor of History, University of Hawaii. (9/1/73 - 6/30/74)

Research: Attitudes of Europeans to Polynesians during the 18th and 19th centuries.

GANDHI, Shanta, Director, Bal Bhavan & National Children's Museum, also Secretary, Bal Bhavan Society, New Delhi, India. (12/1/73 - 5/31/74)

Research: A study of socioeconomic values as reflected in the work of Kalidas and their relevance to modern India.

HUNT, Dr. Kellogg W., Professor of English, Department of English, Florida State University. (1/15/74 - 6/30/74)

Research: Cross-cultural study of syntactic development in children. Led sessions and seminars for degree scholars and professional development participants in areas of foreign language pedagogy and administration.

MALM, Dr. William P., Professor of Music, University of Michigan. (1/1/73 - 8/31/73)

Research: Classic Kabuki music and contemporary proletarian music in Japan.

NURCOMBE, Dr. Barry, Senior Lecturer in Paediatric Psychiatry, University of New South Wales, Australia. (9/1/73 - 6/30/74)

Research: Certain psychiatric aspects of adolescence and the learning problems of the culturally disadvantaged.

OTA, Prof. Masahide, Professor of Journalism, University of the Ryukyus, Okinawa, Japan. (9/1/73 - 6/30/74)

Research: Study of social psychology of Okinawan descendents in Hawaii, and conducted seminar for degree scholars and professional development participants.

PALMER, Bruce, Director, Fiji Museum, Suva, Fiji.
(7/1/73 - 12/31/73, deceased May, 1974)

Research: Directed "Museum Management" activity and conducted individual research in area of cultural conservation.

SEBEEK, Dr. Thomas A., Chairman, Research Center for the Language Sciences, Indiana University at Bloomington. (5/1/73 - 8/31/73)

Research: Edited biographical dictionary of linguists and worked with colleagues in the Institute's Language in Culture area of research.

SMITH, Prof. Barbara B., Professor of Music, University of Hawaii. (7/1/73 - 12/31/73)

Research: Conducted analysis of music and dance materials collected in Oceania and worked with institute colleagues in the study of socio-cultural values of music and dance in Pacific countries experiencing conditions of rapid social change. Participated in leadership capacity in the Ethnomusicology activity.

APPENDIX C

East-West Culture Learning Institute

PROFESSIONAL DEVELOPMENT PARTICIPANTS

Ethnomusicology

Participants

MALEPEAI, David Kaiva, Music Teacher, Fagaitua High School, American Samoa.
 OBEKERBAU, Tem, Principal, Elementary School in Palau, Trust Territory.
 OTTO, Tony H., Student, Community College of Micronesia.
 SOLOMONA, Ueta, Music Teacher and Choir Director, Training Teacher's College, Western Samoa.
 UMETARO, Hermana, Cooperating Teacher, Dept. of Education, Trust Territory.
 SURI, Ellison, Student, Diocese of Melanesia, British Solomons.

Archives

Participants

ADA, Emiliana, Asst. Librarian, Congress of Micronesia.
 SO'OSEMEA, AVEIAO, Library Tech. II, Library of American Samoa.
 SPESUNGEL, Hermana, Librarian I, Palau Public Library, Trust Territory.
 PALJOR, Ngudup, Tibet Asst. Librarian, Library of Tibetan Works and Archives.

Museology

Participants

BONICA, Dante, Museum Technician, Waikato Museum, New Zealand.
 CHAPELLE, Tony, Lecturer, University of the South Pacific, Fiji.
 HENGIO, Kirion, Social Studies Specialist, Education Department, Truk, Trust Territory.
 JOSEPH, Ihlen K., Deputy Director of Tourism, Ponape District, Trust Territory.
 MARQUES, Francisco, Manager/Teacher, Net Cultural Center, Trust Territory.
 MOKUMA, Joseph, Museum Education Officer, Papua New Guinea Museum.
 SIBANUZ, Brihten, Community Development Aide, Comm. Dev. Office, Trust Territory.
 SOREMLE, Belyen, Clerk Typist, Kitco Company, Trust Territory.
 HURD, Jane N., Institute degree scholar.

Second Summer Program in Intercultural Studies — Cultural Identity

Participants

CHAPMAN, John M., Host Nation Coordinator, DOD Dependent Schools, Okinawa.
 DiBENEDETTO, John P., Intercultural Programs Coordinator, DOD Dependent Schools, Philippines.

GALLEN, Paul R., District Director of Education, Ponape, Trust Territory.
 HASHIMURA, Joichi, Host Nation Program Coordinator, DOD Dependent Schools, Tokyo, Japan.
 JECH, Alena M., Lecturer, Teacher in Sociology, Cabrillo College and University of California, USA.
 KAMIKAMICA, Esiteri, Head of Geography Department, Ballantyne Memorial School, Fiji.
 KIM, Ki-Duk, Professor of English Literature, Sookmyung Women's University, South Korea.
 LARA, Ralph P., Teacher and Chairman of Foreign Language, Marenci High School, Arizona, USA.
 LINDQUIST, Tarry, Teacher Training Specialist, Trust Territory.
 LO, Bo Na Mona, Assistant Lecturer, Department of Sociology and Social Work, Hong Kong Baptist College.
 NIMWES, Chutomu, District Director of Education, Truk, Trust Territory.
 NOR, Mohamed Bin Mohd, Assistant Director of Culture, Ministry of Culture, Youth and Sports, Malaysia.
 ONODA, Larry, Psychologist, Upland School District, California, USA.
 PESETA, Tili, Social Studies Organizer for Secondary Schools, Western Samoa.
 REX, Phyllis, Social Studies Teacher, Niue.
 SALVATERRA, Mary, Head of English Department, St. John the Baptist Academy, Syracuse, USA.
 SAMUEL, Edmund, Associate Professor of Biology, Antioch College, USA.
 SAMUEL, Yoshiko, Teaching Associate, Japanese, Antioch College, USA.
 SAWABE, Hiromi, Exchange Teacher, McKinley High School, Hawaii, USA.
 SEILER, Joseph P., Social Studies Teacher, Hendrick Hudson High School, Montrose, N.Y., USA.
 SWANSON, James LeMoyne, JHS and HS Teacher, Marin County Day School, California, USA.
 TABOKAI, Nakibae, High School Teacher, Gilbert and Ellice Islands.
 TAYKO, Perla Rizalina M., Assistant Director, Regional Science Teaching Center, Silliman University, Philippines.
 UIAGALELEI, Lealofi, Principal, Leone High School, American Samoa.
 YASAS, Frances Maria, UN Regional Adviser on Training in Social Work and Community Development, ESCAPE, Thailand.

Trainers of Teachers of English to Speakers of Other Languages

Participants

CHENG TAM, Agnes, Inspector of English, English Section Inspectorate, Hong Kong.
 COLLINS, Anthony, Teacher, Education Department, American Samoa.
 GOSECO, Petronila, Assistant Professor in Education, University of the Philippines.

HORNEY, Phyllis Ann, Primary Director/Student Teacher Supervisor, Colegio American de Torreon, Mexico.

IKE, Minoru, Associate Professor, Aichi University, Japan.

ISHAQZAI, A. Razaq, English Teacher, Royal Afghan Ministry of Education, Afghanistan.

JUELE, Lilia, College Dean, West Visayas State College, Philippines.

METONG, Prayoon, Head, English Department, Bansomdei Teachers College, Thailand.

OZASA, Toshiaki, Lecturer, University of Kagoshima, Japan.

PAITONPONG, Tadsanee, Instructor, Uttaradit Teachers College, Thailand.

SONG, Gwan-Sig, Associate Professor, Seoul Junior Teacher's College, Korea.

WATANABE, Masuyoshi, Lecturer, Saitama University, Japan.

Administrators of English
as a Second Language

Participants

CHITTAMONGKOL, Tongbai, Head of Commercial College.

FUKUHARA, Shigetoshi, Administrator, Board of Education, Japan.

GAUNTLETT, William H., Director, Colegio Americano de Torreon, USA.

HUNDLEY, Danny Frank, Teacher Supervisor, Bureau of Indian Affairs, USA.

JOHN, Daniel, Assistant District Language Specialist, Department of Education, Trust Territory.

LOGOAI, Siaki, Teacher, Department of Education, American Samoa.

PACIS, Josefa Padernal, General Education Supervisor (Eng), Bureau of Public Schools, Philippines.

PARK, Il-Byong, Secondary School Supervisor, Department of Education, South Korea.

PONGTONGCHAROEN, Surai, Assistant Head, Department of Linguistics, College of Education, Prasarnmit, Thailand.

SAUAFEA, Siona T., Assistant Principal, Lauili School, American Samoa.

SHAKIBANI, M. Zaher, Director of Education, Royal Ministry of Education, Afghanistan.

SHIMOJIMA, Toshio, Teacher's Consultant, Miyagi Prefectural, Board of Education, Japan.

VINCENCIO, Celestina C., English Coordinator/Principal I, Bureau of Public Schools, Philippines.

YUNUS, Abdullatief, Secretary, Language Center Program, Indonesia.

English to Speakers
of Other Languages

Participants

CESAR, Marina D., Head, Department of English, Manila High School, Division of City Schools.

CHO, Myong-Won, Director, Language Teaching Research Center, Chonnam National University, South Korea.

KARIM, Yaakub Bin, Teacher, Sek. Keb Sungai Besar Pej. Pos. Sungai Besar, Malaysia.

KHAMMAO, Tiao Anouvong, Teacher of English, College of Education, Vientiane, Laos.

KIM, Han-kon, Assistant Professor of English, Language Research Institute, Seoul National University.

KAKEHI, Hisao, Associate Professor, University of Kobe, Japan.

Bi-Lingual Education

Participants

ASHER, Elmer, Teacher, Education Department, Ponape, Trust Territory.

DEIYE, Alex, Senior Clerk, Education Department, Nauru.

GROVES, Terab'ata, Gilbert and Ellice Islands.

NAWADRA, Tevita, Assistant Teacher, Ratu Kadavulevu School, Department of Education, Fiji.

ROBAROBALEVU, Jemesa Lave, Assistant Teacher, Queen Victoria School, Department of Education, Fiji.

SABLAN, Henry, Classroom Teacher II, Education Department, Saipan, Trust Territory.

SANGAU, Net, ABE Specialist, Education Department, Truk, Trust Territory.

Consultants Seminar
on Socioliterature

Participants

ERI, Vincent Serei, First Assistant Director, Department of Education, Papua New Guinea.

FERNANDO, Lloyd, Professor and Head of English Department, University of Malaya.

GOETHALS, Peter R., Research Anthropologist, North Carolina, USA.

GONZALEZ, N. V. M., Professor of English, California State University, USA.

HOUSTON, James D., Lecturer in Creative Writing, Cowell College, University of California, USA.

HUSSEIN, Ismail, Professor of Malay Literature, University of Malaya.

JOSE, Francisco Sionil, Publisher, Solidarid Publishing House, Philippines.

KIM, Chi-gyu, Professor, Department of English, College of Liberal Arts, Korea University.

KINTANAR, Thelma, Associate Professor of English, University of the Philippines.

McKINNEY, Judith Wright, Writer, Australia.

MOHAMAD, Goenawan, Editor-in-Chief, TEMPO Weekly, Indonesia.

NARAYAN, Rasipuram K., Author, India

OZU, Jiro, Professor of English Literature, Tokyo University.

PAIK, Nack-Chung, Assistant Professor of English, Seoul National University.

RANDALL, Dudley, Librarian, University of Detroit, USA.

RENDRA, W. S., Poet, Indonesia

SINGH, Kushwant, Editor, The Illustrated Weekly of India.

TAYLOR, Kmal Markandaya, India.

TUWHARE, Hone, Poet, New Zealand.

WENDT, Albert, Principal, Samoa College, Western Samoa.

Cultural Aspects of
Educational Leadership

Participants

ADA, Alicia, Teacher Training Specialist, Trust Territory.
AGULTO, Jesus, Vice-Principal, Department of Education, Trust Territory.
ANIEN, Timius K., Elementary School Principal, Department of Education, Trust Territory.
AOYAGI, Tamotsu, Vice-Principal, Nishi-Shibata Upper Secondary School, Japan.
EPENESA, Vainini, Elementary Principal, Alataua Lua School, American Samoa.
LUIS, Avelina, Chairman, Education and Psychology Department, Philippine Normal College.
NAKANO, Teizo, Vice-Principal, Aichi Prefectural Okazaki Upper Secondary School, Japan.
OTTERNESS, Omar G., Associate Professor of Religion, Saint Olaf College, USA.
PASCUAL, Benjamin, Assistant Professor II, Philippine Normal College.
SANTOS, Moses, Elementary Teacher Supervisor, Department of Education, Trust Territory.
SEBASTIAN, Oikang, Principal I, Department of Education, Trust Territory.
SEWTOY, Frank, Elementary Supervisor, Yap Education Department, Trust Territory.
SHIN, Chong-ok, Assistant Professor, Myung-Ji University, South Korea.
SUTA, Anita R., Dean of Instruction, MOC Education, Trust Territory.
UEHARA, Toshio, Consultant in Education, Okinawa Education Center, Japan.
WANG, Weilin, Chairman, Department of Sociology, National Chung Hsing University, Taiwan.

Oceania Teacher
Development

Participants

BUADROMO, Rokobuli, Education Officer, Ministry of Education, Youth and Sport, Fiji
KUMAR, Rajendra Shiv, Head of Industrial Arts Department, Lelean Memorial School, Fiji.
MARSTERS, Aaron, Teacher Trainer, Teachers' College, Cook Islands.
MOSES, Augustine, Trust Territory Supervisor of Secondary Education, Headquarter Department of Education.
NIMWES, Chutomu, District Director of Education, Truk, Trust Territory.
VOI, Mali, District Superintendent of Education, Papua New Guinea.

APPENDIX D

East-West Culture Learning Institute

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. AHMAD, Syed Rashid	Pakistan	PHD	Polit. Sci.
2. ALI, Mina Zulfikar	Pakistan	MA	Anthro.
3. ALLENDER, Susan Chou	Philippines	MA	Hist.
4. ASKMAN, Victor Nils	USA	MA	Chinese
5. BAINES, Gregory Lamont	USA	PHD	Soci.
6. BENNETT, Judith Ann	Australia	MA	Hist.
7. CHAN, Christina Wan Har	Singapore	MA	ESL
8. CHANDA, Asoke Kumar	India	MA	English Lit.
9. CHOBOT, Neal L.	USA	PHD	Philos.
10. CUNNINGHAM, Keith Douglas	USA	MA	Am. Studies
11. CUNNINGHAM, Patricia Ann Ziegler	USA	MA	ESL
12. DAMROW, Richard L.	USA	MA	Chinese Lit.
13. DEDEL, Xenia G.	Philippines	MA	Ed. Admin.
14. DE LOS SANTOS, Edna Capistrano	Philippines	MA	Sec. Ed.
15. DE TATA, Pagawan Tanapatchaiyapong	Thailand	MA	Linguis.
16. DUBUQUE, Gerald Wayne	USA	MA	Hist.
17. DUNCAN, John Breckenridge	USA	MA	Hist.
18. GRANDSTAFF, Terry B.	USA	PHD	Anthro.
19. GUNNARSON, John Richard	USA	MA	Hist.
20. HAHN, Kyung Ja Park	Korea	PHD	Linguis.
21. HAMNETT, Michael	USA	PHD	Anthro.
22. HOSHMAND, Lisa Lai-Sang Tsoi	Hong Kong	PHD	Clinical Psyc.
23. HURD, Jane Newcomb	USA	MA	Pacific Is. Stud.
24. HWANG, Kwang-Kuo	Rep. of China	PHD	Psyc.
25. IKRANAGARA, Kay Glassburner	USA	PHD	Linguis.
26. IMAMURA, Mari	USA	MA	Social Work
27. IWAMURA, Susan J.G. Chan	USA	PHD	Linguis.
28. IWATA, Osamu	Japan	MA	Psyc.
29. JAMAL, Syed Ahmad	Malaysia	MA	Art History
30. JOHNSON, David Wayne	USA	PHD	Drama
31. KANEDA, Michikazu	Japan	PHD	Linguis.
32. KAO, Tien-en Tony	Rep. of China	MA	English Lit.
33. KATATA, Jun	Japan	MA	Anthro.
34. KESOLEI, Katharine	Trust Territory	BA	Anthro.
35. KHALID, Somsri Kongprasirtpong	Thailand	MA	Psyc.
36. KUNTZMAN, Linda Louis Edmund	USA	MA	Linguis.
37. KUROIWA, Kennith Toshiyuki	USA	PHD	Linguis.
38. LARSON, Betty Lou	USA	MA	Asian Stud.
39. LAU, Lawrence	USA	MA	ESL
40. LEE, Young-Oak	Korea	PHD	Am. Studies
41. LI, David Chen-Ching	Rep. of China	MA	ESL
42. LIERZ, Myrna Corneja	Philippines	MA	ESL
43. LUKE, Susan Hayward Prozeller	USA	MA	Asian Stud.
44. MACKEY, Roger Michael	New Zealand	MA	Psyc.
45. MARTIN, Maryland Lavonne	USA	MA	Social Work
46. MCDONALD, Patricia Lourimore	USA	MA	Psyc.
47. MCLEOD, Beverly Marie	USA	MA	Anthro.
48. MINICHIELLO, Sharon Ann	USA	PHD	Hist.
49. MOK, Bong-Ho	Hong Kong	MA	Social Work
50. NATIVIDAD, Clemencia Antonio	Philippines	MA	Asian Stud.

51. NELSON, Claude A.	USA	MA	Asian Stud.
52. NEOVAKUL-BURIAN, Chalintorn	Thailand	MA	Linguis.
53. NEVES, Buzz Vernon	USA	MA	Pacific Is. Stud.
54. NG, Kiok Eng	Singapore	BA	ESL
55. NORDBROCK, Anita Clara	USA	PHD	Linguis.
56. PERNG, Yen-Sheng Hsia	Rep. of China	MA	English Lit.
57. REARDON, Gerald Joseph, Jr.	USA	PHD	Hist.
58. RIEPER, Byron Max	USA	MA	Philos.
59. ROBERT, Bruce Lamar, Jr.	USA	MA	Hist.
60. SAADAT, Kaukab	Pakistan	MA	Psyc.
61. SAGI, Steven F.	USA	PHD	Hist.
62. SARWAR, Ghulam	Malaysia	PHD	Drama
63. SATO, Nobuo	Japan	MA	Linguis.
64. SEELER, Joan Dewitt	USA	MA	Music
65. SEMAPAKDI, Pomtip	Thailand	MA	ESL
66. SHAMEAM, Arifa	Pakistan	MA	Philos.
67. SHIELDS, James H.	USA	MA	Japanese Lit.
68. SHIMOJI, Genki	Japan	MA	Linguis.
69. SHIOIRI, Kiyoshi	Japan	PHD	Linguis.
70. SIA, Archibald P.C.	Philippines	MA	Ed. Psyc.
71. SIRIVIVATNANON, Ankana	Thailand	MA	Am. Studies
72. SOUMWEI, Ignasio Rudolph	Trust Territory	BA	Arts & Sci.
73. SUGURO, Yuzuru	Japan	MA	ESL
74. SULISTYO, Ivon	Indonesia	MA	ESL
75. SUTTON, Richard Anderson	USA	MA	Ethnomus.
76. TANAKA, Junko	Japan	PHD	Psyc.
77. TANAKA, Kazuko	Japan	MA	Soci.
78. TETAGA, Jeremiah	Papua New Guinea	MA	ESL
79. TODA, Sali	USA	MA	Japanese
80. TONOIKE, Shigeo	Japan	PHD	Linguis.
81. VEOHONGSE, Nopamas	Thailand	MA	Drama
82. YAMADA, Fumiko	Japan	MA	Linguis.
83. YU, Arthur Yuh-Chao	Rep. of China	PHD	Am. Studies
84. YUTHAVONG, Onchuma	Thailand	MA	Drama

APPENDIX E

Culture Learning Institute

FIELD EDUCATION

- AHMAD, Syed Rashid (Polit. Sci.): Empirical study on beliefs of decision makers as related to actual policy formulations, for data base, Ph.D. dissertation on Political Science in Pakistan. (11/5/73 - 5/31/74; Leave: 1/1/74 - 3/31/74)
- CHAN, Christina (ESL): Attendance at Linguistic Institute at the University of Michigan, sponsored by the Linguistic Society of America, professional visits to various U.S. mainland institutions to observe administration of ESL programs. (5/16/73 - 8/29/73)
- CHOBOT, Neal L. (Philos.): Dissertation research on states and stages of conscious experiences in Theravada Buddhism conducted at University of Sri Lanka and at Island Hermitage, Sri Lanka. (12/1/73 - 8/31/74)
- DAMROW, Richard (Chinese Lit.): Advanced language and translation skills study at Mandarin Training Center, Taipei, plus independent research in Taiwanese poetry. (6/15/73 - 3/31/74; Leave: 6/15/73 - 8/31/73, 2/1/74 - 3/31/74)
- DEDEL, Xenia (Ed. Admin.): Directed research in individualized instruction and professional visits to various U.S. mainland educational institutions, plus summer study, University of Toledo, Ohio. (5/16/73 - 8/26/73)
- DE LOS SANTOS, Edna C. (Sec. Ed.): Participation in Teaching Movement to Children's Workshop at University of Georgia; summer study at University of Toledo, plus professional visits to various summer athletic programs designed to assist minority and underprivileged children on U.S. mainland. (6/1/74 - 8/24/74)
- DUBUQUE, Gerald (Hist.): Thesis research in Korean history on Minjok Sahak movement of 1920's at Sogang University, Seoul, Korea. (5/22/73 - 12/31/73)
- IWATA, Osamu (Psyc.): Summer study at Utah State University, Logan, to pursue individual research with staff members of Ecology Center, professional visits with scholars conducting research in environmental psychology, especially the effect of noise upon human performance. (6/8/73 - 8/31/73)
- JAMAL, Syed Ahmad (Art Hist.): Summer study at Harvard University, professional visits to various art museums and design centers on U.S. mainland. (5/23/74 - 8/26/74)
- KAO, Tien-en (English Lit.): Summer study at Harvard University, professional visits to various comparative literature departments, collecting materials at several libraries on U.S. mainland. (5/21/74 - 8/27/74)
- KATATA, Jun (Anthro.): Individual research in cultural anthropology on study of elderly people, especially roles and statuses cross-culturally, through personal interviews with scholars on the U.S. mainland. (7/23/73 - 8/24/73)
- LAU, Lawrence (ESL): Independent research involving follow-up study on graduates of University of Hawaii's ESL program in Japan, Korea, Republic of China and Thailand, visit to Regional English Language Centre, Singapore. (5/1/73 - 8/31/73)
- LEE, Young-Oak (Am. Studies): Dissertation research in cultural understanding of literature of United States, particularly by meeting and studying individual authors to understand background and motivations, and how they transmit and transmute their experiences into their literary output on U.S. mainland; fall semester at Syracuse University, Syracuse, New York. (5/31/74 - 1/4/75)
- MARTIN, Maryland (Social Work): Thesis research on "A Comparative study on Attitudes of Filipino Males Toward Their Wives Concerning Birth Control" conducted through internship with Bureau of Family Welfare, Department of Social Welfare, Philippines. (9/29/73 - 1/20/74)
- MACKEY, Roger (Psyc.): Summer study at Harvard University, professional visits to various psychology departments and research centers on U.S. mainland. (5/24/74 - 8/24/74)
- MCDONALD, Patricia (Psyc.): Independent research for M.A. thesis on "Aspects of Change in Japan as they Affect the Individual in his Appraisal of and Adjustment to Problems within the Framework of the Family," in Tokyo, plus leave of absence in-country language training--one year intensive advanced Japanese sponsored by Stanford University at Inter-University Center for Japanese Language Studies, Tokyo. (8/10/72 - 1/14/74; Leave: 9/1/72 - 8/1/73)
- MINICHELLO, Sharon (Hist.): Dissertation research on twentieth-century political history in Japan in Tokyo, plus Japanese language training under Rikuzo Kamikawa, National Diet Library, Tokyo. (5/31/72 - 8/31/73; Leave: 9/1/73 - 8/31/74)
- NATIVIDAD, Clemencia (Asian Stud.): Summer study at Harvard University, professional visits and interviews with critics and writers closely associated with works of T.C. Eliot on U.S. mainland. (5/28/74 - 8/26/74)

- NEOVAKUL-BURIAN, Chalintorn (Linguis.): Attendance at Linguistic Institute sponsored by the Linguistic Society of America at University of Michigan, independent research in methods of teaching English to minority groups. (6/1/73 - 9/3/73)
- NG, Kiok Eng (ESL): Attendance at 1974 Linguistic Institute, University of Massachusetts, plus professional visits to several ESL and linguistics department on U.S. mainland. (5/21/74 - 8/27/74)
- PERNG, Yen-sheng (English Lit.): Summer study at University of Michigan, plus independent research and professional visits in comparative Chinese and English Literature. (5/22/73 - 8/31/73)
- SAADAT, Kaukab (Psyc): Professional visits and observations in clinical examination techniques at various psychology departments and research institutions on U.S. mainland. (5/21/74 - 8/19/74)
- SATO, Nobuo (Linguis.): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America. (6/15/73 - 8/31/73)
- SEELER, Joan (Music): Thesis research on "Dance in the Changing Traditional Cultures of the Kenyah and Kayan Tribes of the Baram River Area, Sarawak, Malaysia" in Sarawak, plus study of music and dance in Indonesia with a University of Hawaii, Department of Music, study group. (1/3/73 - 8/31/73)
- SHIELDS, James (East Asian Lit.): Advanced language study at Kyoto Japanese Language School, Japan, plus research in modern Japanese literature with Mrs. Kyoko Furukawa. (5/22/73 - 8/31/73)
- SHIMOJI, Genki (Linguis.): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America. (6/15/73 - 8/31/73)
- SIA, Archibald (Ed. Psyc.): Summer study at Columbia University Teachers College, New York, plus professional visits to various U.S. mainland guidance and counselling centers. (5/16/73 - 8/31/73)
- SIRIVIVATNANON, Ankana (Am. Studies): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America, plus professional visits to American Studies departments on the U.S. mainland to develop curriculum for an American Studies program. (5/28/73 - 8/31/73)
- SULISTYO, Ivon (ESL) Attendance at 1974 Linguistic Institute, University of Massachusetts, professional visits to ESL and linguistics departments on U.S. mainland. (5/21/74 - 8/27/74)
- SUTTON, R. Anderson (Ethnomus.): Thesis research on the Javanese gamelan orchestra, plus further study of Javanese language in Indonesia. (1/14/74 - 12/31/74; Leave: 8/1/74 - 12/31/74)
- TANAKA, Junko (Psyc.) Independent research for M.A. thesis on "Cross-Cultural Investigation of Depression in Japan, Hawaii and Mainland America" through consultations with specialists in various medical institutions and research centers on U.S. mainland, fall semester study at Pennsylvania State University under Dr. Juris G. Draguns. (8/1/73 - 12/31/73)
- TANAPATCHAIYAPONG, Pagawan (Linguis.): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America. (6/17/73 - 8/31/73)
- TETAGA, Jeremiah (ESL): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America, professional visits to linguistics and ESL departments and institutes on U.S. mainland. (6/1/73 - 8/31/73)
- TODA, Sali (Japanese Lang.): Language study at Hiroshima Language Center, Japan; research on dialects of those areas of Japan from which most immigrants to Hawaii came, at Hiroshima Women's University. (5/30/73 - 10/15/73)
- VEOHONGSE, Nopamas (Drama and Theatre): Summer study at Tufts University, Medford, Massachusetts, professional visits to various drama festivals and summer stock companies on U.S. mainland. (5/28/74 - 8/30/74)
- YAMADA, Fumiko (Linguis.): Attendance at Linguistic Institute at University of Michigan sponsored by Linguistic Society of America, professional visits to language institutes and laboratory facilities on U.S. mainland. (5/28/73 - 8/28/73)
- YUTHAVONG, Onchuma (Drama): Summer and fall quarter study at UCLA to gather data for thesis research on Thai folk entertainment, professional visits to various drama departments and theatrical groups on U.S. mainland. (5/20/73 - 12/31/73)

APPENDIX F

East-West Culture Learning Institute

PUBLICATIONS

Richard Brislin (Ed.)
TOPICS IN CULTURE LEARNING
Vol. 1. August 1973. 98 pp.

A compendium of articles and research methodologies prepared by Institute staff during FY 73.

Contents:

"Thoughts about 'Thought and Expression' in Culture Learning": by John Walsh. An attempt to define and delimit the area of research study and scholarship that has come to be known as "Thought and Expression in Culture Learning." Article explores some of the basic theory, considers appropriate methodologies, and suggests future research possibilities.

"Issues Central to the Study of the Individual, Learning and Culture": by Richard Brislin. Major themes that must be taken into account in studies involving the individual, learning and culture are reviewed. These include development of research ideas, judging of what should be the focus of time and effort, ethical considerations, various approaches to research, the potential practical benefits of research in the social and behavioral sciences, and the need to make controversy between various theoretical positions explicit.

"The Mediating Man and Cultural Identity": by Stephen Bochner.

"On Cross-Cultural Orientation Techniques": by Gregory Trifonovitch. Describes approaches to and techniques for cross-cultural orientation programs. Analyzes types of experiences that cause people to view a new culture differently.

"Teaching the Social Sciences: Innovation in Small Systems": by James Ritchie.

"Transformational Grammar and Cognitive Psycholinguistics": by Mark Lester. This article begins with a brief overview of transformational grammar and then contrasts its key assumptions with assumptions of structural linguistics. Then draws a parallel distinction between cognitive psycholinguistics and classical behaviorist learning theory.

"Sociolinguistics Aspects of Word Borrowing": by Masanori Higa.

"Cultural Aspects of Language Imposition in Malaya, Singapore and Indonesia": by Verner C. Bickley. Describes and analyzes both historical and contemporary factors leading to adoption or rejection of non-indigenous languages in Malaya, Singapore and Indonesia.

CULTURE AND LANGUAGE LEARNING NEWSLETTER
12 pp. 2M copies.

Printed quarterly by the Institute to bring substantive and feature material about the Institute's programs to a wide audience.

Additional Publications Activity of Staff and Fellows:

Richard Brislin and H. Van Buren, CAN THEY GO HOME AGAIN? (Reorientation programs for overseas students) "International Educational and Cultural Exchange," Vol. 9 (4), Spring, 1974, 19-24.

Richard Brislin

- THE PONZO ILLUSION: ADDITIONAL CUES, AGE, ORIENTATION, AND CULTURE, "Journal of Cross-Cultural Psychology, Vol. 5, June 1974.
- AN APPROACH TO CROSS-CULTURAL TRAINING, "New Guinea Psychologist," 1972, Vol. 4, pp. 28-32 (Appeared late 1973).
- CROSS-CULTURAL TRAINING PROGRAMS AND THEIR EVALUATION, In D. Hoopes, Ed. "Readings in Intercultural Communication," Vol. III, Pittsburgh: Regional Council for International Education, pp. 78-122.
- EXPERIMENTS IN LANGUAGE TRANSLATION: TECHNICAL ENGLISH TO VIETNAMESE, "Journal of Applied Psychology," 1973, 57, pp. 328-334.
- CONTROLS IN CROSS-CULTURAL EXPERIMENTATION, "International Journal of Psychology, 1973, 8, pp 231-238.

Kellogg Hunt

- A SYNOPSIS OF CLAUSE-TO-SENTENCE LENGTH FACTORS, To be reprinted in late 1974. Originally published in "English Journal," April 1965, 300-309, to be reprinted in Richard L. Graves, "Rhetoric and Composition: Selected Essays for Teachers. Hayden Book Company.
- TEACHING SYNTACTIC MATURITY, To be reprinted in 1974. Originally published in G. E. Perrin and J. L. M. Trim, "Applications of Linguistics," Cambridge University Press, 1971, pp. 287-300 to be reprinted in De. Stefano and S. Fox, "Language and the Language Arts," Little, Brown, 1974.

Mark Lester

- NEEDED RESEARCH IN ORTHOGRAPHY, "Spelling Progress Bulletin, Vol. XIII, No. 4, 1973.
- SOME OBSERVATIONS ON ENGLISH LANGUAGE TESTING, "FACET Bulletin," Tokyo, No. 4, 1973, pp 11-19.

Karen Watson

- TOWARD A SOCIALLY CONSTITUTED LINGUISTICS, "Reviews in Anthropology," (February 1974), 1: pp 95-101.

APPENDIX G

East-West Culture Learning Institute

STAFF

Director

BICKLEY, Dr. Verner C.: Most recently was language officer of British Council in Japan and first secretary of British Embassy Cultural Department in Tokyo. Spent some 20 years in Asia, first with Singapore Education Service, then with British Council. Has taught English, education and linguistics at elementary, high school, college and university levels in Singapore, Burma, Indonesia and Japan. Was active as newscaster, actor, scriptwriter and director in radio and television with BBC, Radio Singapore, Radio Republik Indonesia, the Burma Broadcasting Service and the NHK in Tokyo. Made a member of the Order of the British Empire by Queen Elizabeth in 1964.

Consultant

GOTO, Dr. Y. Baron: Vice-Chancellor Emeritus of East-West Center and former senior professor of agriculture at University of Hawaii. Before joining East-West Center in 1962, was director of Hawaii Cooperative Extension Service. Among many honors and distinctions, has received Paul S. Bachman Award, Citizen of the Year Award, and World Brotherhood Award. Was made a member of Order of Rising Sun, Third Class, by Emperor of Japan in 1972.

Research Associates

BOUCHER, Dr. Jerry: Joined the Institute in December 1973. From 1971-73, was assistant research psychologist at University of California, on assignment to Institute for Medical Research, Kuala Lumpur, Malaysia. Is conducting research in cultures in contact subdivision.

BRISLIN, Dr. Richard: A cross-cultural psychologist who has done work in Micronesia, has worked in Washington, D.C., and Washington state. Is U.S. representative to the executive board of the International Association for Cross-Cultural Psychology. Is conducting research in cultures in contact subdivision.

KUMAR, Dr. Krishna: A sociologist previously was assistant director of research of Gandhi Peace Foundation in New Delhi, a member of faculty of College of Urban Development, Michigan State University. Joined Institute staff in May 1974, and is researching in cultural identity subdivision.

LESTER, Mark: Came to Institute from chairman position at UH Department of English as a Second Language. Is consultant at Hawaii Curriculum Center for Hawaii English Project, was consultant in 1971 to the state of Hawaii Department of Education. Is conducting research in the language in culture subdivision.

SMITH, Larry: Taught four years in Thailand with Peace Corps and Southern Baptist Convention, has traveled extensively in Asia. Has particular responsibility for Institute's English as a Second Language programs.

STREVS, Peter: (January 1 - May 31, 1974) Formerly professor of Applied Linguistics and Director of the Language Center, University of Essex, England. Has been working with Institute staff members, practitioners and degree scholars in research development project focussing on "Conditions of Success in Language Learning." Has also been consulting with staff in connection with joint projects planned with other institutions.

WALSH, Dr. John: Came to East-West Center from University of Notre Dame where he was chairman of Department of Education, and then Vice-President for Academic Affairs. Specializing in education and philosophy, is conducting research in Institute's thought and expression subdivision.

WATSON, Dr. Karen: Joined the Institute in August 1973, having previously held appointments at California State University, Hayward, and Merritt College, Oakland, as cultural anthropologist. Aside from anthropology, has special interests in sociolinguistics and ethnosemantics, oral literature and mythology. Is conducting research in cultural identity and language in culture subdivisions.

WU, Dr. David: Joined the Institute in June 1974. Is a cultural anthropologist with degrees earned at National Taiwan University, University of Hawaii and Australian National University. Is conducting research in Institute's cultural identity subdivision.

Program Officers

ANZAI, Lyn: Associate Program Officer for cooperative degree study programs, special interest in Asian Studies with emphasis on East Asian sociology, history and art history.

MAD, Kenzi: Associate Program Officer for professional development programs. Was instructor-supervisor at Community College of Micronesia, Ponape, before joining Institute in February 1973. Has qualifications in Elementary Education and in Elementary School Administration.

TRIFONOVITCH, Gregory: Senior Program Officer with 20 years experience in Pacific and Middle East. From 1963-67, was a teacher, education consultant and administrator for Teaching English as Second Language in Trust Territory.

VAN BUREN, H.: Senior Program Officer in director's office. Taught at Gunma University in Japan as Fulbright scholar from 1965 to 1968, served as research fellow at University of Hawaii before joining Institute staff in 1971. Special interest is Japanese and Okinawan linguistics.

Resource Materials Specialist

FELTZ, William: An ethnomusicologist with a special interest in Japanese and Korean music.

Administration

TATSUNO, Hazel: Senior Administrative Assistant, has been with East-West Center since its inception. Prior to joining Institute in 1970, was Senior Administrative Assistant in former Institute of Advanced Projects.

APPENDIX H

East-West Culture Learning Institute

RESOURCE MATERIALS COLLECTION

	<u>1972-73</u>	<u>1973-74</u>
Books (volumes)	808	823 (includes some purgings)
Serials (titles)	78	95
Microfiche	38	40
Reprints	283	480
Phonodiscs	64	75
Audio tape recordings		
reels	10	45
cassettes	4	35
Video tape recordings	26	103
Motion picture films		
16 mm.	1	1
8 mm.	2	35

APPENDIX I

East-West Culture Learning Institute

INFORMAL SEMINAR SERIES

<u>Date</u>	<u>Speaker</u>	<u>Topic</u>
September 25	Verner Bickley	The problem oriented approach to culture learning
October 2	Gregory Trifonovitch	Orienting people to other cultures
October 9	Richard Brislin	The banjo: history, types, playing styles
October 16	Larry Smith	Language teaching: can it be person centered?
October 23	H. Van Buren	Possible universals in proper name usage
October 30	John Walsh	The United Nations University
November 6	Patricia Cunningham	Demonstration of Gattegne's "Silent Way"
November 13	Barry Nurcombe	Children on the Fringe (Film and discussion of preschool education in the outback of Australia)
November 20	Mark Lester	The Animal Capacity for Human Language
November 27	Michael Hamnett	Culture: a Working Definition
December 4	Bruce Palmer	Role of the Museum and Creative Arts in the Pacific
February 5	H. Van Buren	Is misunderstanding cross-cultural?
February 12	Mark Lester	Bilingual education and language planning
February 19	Jerry Boucher	Malaysian studies of non-verbal behavior
February 26	Lyn Anzai	Thoughts on the women's movement in the United States
March 5	William Feltz	Music as communication
March 12	Karen Watson	Sociology of children's language
March 19	Masahide Ota	National and cultural identity problems in Okinawa
April 2	C. Ray Carpenter (Senior Fellow, Communication Institute)	Signalling behavior and cultural diffusion in Macaques of Japan
April 9	Syed Ahmad Jamal	The Arts Scene in Malaysia
April 16	Gavan Daws	Some Colonial Europeans in Polynesia
April 23	Junko Tanaka	Everyday depression in the United States and Japan
April 30	Verner Bickley	Translation errors that have affected history

EAST-WEST FOOD INSTITUTE

The East-West Food Institute's program focuses attention on the human, technical and economic concerns of food. "Food" is human sustenance in many forms: a means to longevity and health, an opportunity for employment and income, a source of self-respect and status, and a foundation to other issues of personal or public concern. These concerns are universal and each is a part of a total system of interrelationships. The "food system" is as much a concern of planners and policymakers in the national capitals as it is of producers and traders in the towns and countryside, or consumers the world over. All have a stake in the availability of food in sufficient amounts and quality.

Throughout the U.S., Asia and the Pacific people obtain fewer calories and nutrients than they would like for the money, labor and other resources they give in exchange--and what little they get is generally combined in unbalanced proportions. Unemployment is chronic and severe in agricultural and fishing work, including non-farm food-related business enterprises. A sense of physical and psychic privation haunts people of all economic and social levels, with the burden pressing heaviest on the poor and the outcast. Anxieties and insecurities over hunger and jobs stimulate expressions of public dissatisfaction and prompt remedial public policies with far-reaching effects on economic, social and political life.

Because of the long historic recognition of the significance of food problems, educational, scientific and service institutions have a long record of activity aimed toward the solution of these problems. The East-West Food Institute's program endeavors to concentrate on perceived "gaps" in the priority work already underway elsewhere. During FY 74, Institute program activities in professional development, research and post-graduate degree scholar education were conducted under four subdivisions: Agro-Economic Management, Systems of Crop Protection, Agriculture and Food Planning and Administration, and Community Nutrition.

To apply this program, the Institute invited a total of 189 participants to the East-West Center, and reached another 100 plus through activities conducted in the field. That is, 102 mid-career professionals from Asia, the Pacific and the U.S. took part in five professional development activities at the Institute. (See Appendix C) An additional 102 participants were involved in two professional development activities in Korea, the Philippines and Malaysia.

Seventy-one degree students from 12 countries pursued advanced degrees under Institute grant, including 24 doctoral candidates. They represent 19 different disciplines. (See Appendix D) Twenty-five of these students engaged in Institute directed field education (see Appendix E).

Sixteen Fellows, including one visiting researcher from India, assisted Institute staff in a concentrated research effort, and in conducting the 19 different activities. A description of each subdivision follows, along projects and activities conducted during FY 74.

AGRO-ECONOMIC MANAGEMENT

A trait of "development" is the increasing complexity and frequency of interaction among suppliers, producers, distributors and consumers. Higher levels of skill and understanding are required of each participant in the food system. In the face of technological advances in agriculture, simple, practical and accurate methods of refined business management are needed in farming and fishing, and in market channels. Emphasis in this program area is on the application of management principles in meeting the biological and economic needs of contemporary food production and distribution. These include private farms, fishing and aquaculture; governmental projects and schemes; and processing and trading enterprises. During FY 74 projects, each comprised of several activities undertaken in this area, included:

FOOD PRODUCTION DIVERSIFICATION AND TRADE

A multi-facted set of activities undertaken on a cooperative, multi-national, multi-disciplinary basis in collaboration with other institutions in the U.S., Asia and the Pacific to improve the understanding of 1) systems of farming, fisheries, and other methods of food production; 2) the two-way linkages between consumers and production systems via domestic and international markets; and 3) what is needed to sustain work in research, education, training or operations.

ACTIVITY 1: Agricultural Diversification and Trade Workshop and Research: A two-month workshop on research methodology in marketing and trade was conducted in Hawaii for two participants from Kasetsart University and Thammasat University in Thailand. During the workshop the two participants, staff researchers at their home institutions, prepared research projects on shrimp and coconut marketing for implementation upon return to Thailand. Because of favorable conditions at Kasetsart University, it was possible to complete four months of field research on the domestic marketing of shrimp. The results of this research will be reviewed during a second research methodology workshop held in FY 75, involving a larger number of participants and countries.

Resource Persons: Dr. Peter Garrod and Dr. Youngil Lim, University of Hawaii.

Cooperating Institutions: Kasetsart and Thammasat Universities in Thailand.

Staff Involved: Dr. Nicolaas Luykx, coordinator. An additional research associate, Dr. Brian Lockwood, was recruited at the close of the year and will have a leading responsibility in this project area.

Fellow Involved in the Activity: Dr. Kwong-Yuan Chong participated as principal resource person, developing and coordinating lectures, discussions and practical exercises; Chong also provided follow-up during a visit to Thailand, reviewing the progress of data collection and processing, and consulting on conceptual and methodological problems.

Degree Students Involved: Monchai Sutiwatananiti and Ruangrai Manyononoh took part in a formal review of the research plans.

ACTIVITY 2: Agricultural Transformation and Resource Adjustment:

A group of Food Institute Fellows conducted separate examinations of the impact of rapid technological change and economic growth on the allocation of rural farming and fishing resources and the development of small-scale food production systems. This group met weekly to discuss conceptual problems of common interest and review progress. The resulting research reports will serve as reference materials for professional development activities.

Staff Involved: Dr. William Staub, coordinator.

Fellows Involved in the Activity: Dr. John Foster studied development of farming systems on U.S. family farms over historical periods which were marked by technological change and economic growth; Dr. S.V. Sethuraman studied the impact of technical change on employment and labor use; Dr. Sajogyo examined changes in rice farming in Indonesia from the broad perspective of "rural dynamics;" Dr. Anthony Koo took a market viewpoint on the question of land reform; and Dr. Lito Calo developed an analysis of the potential for grazing livestock in coconut groves.

ACTIVITY 3: Prawn Farming Systems Techniques: This professional development activity brought ten senior level fisheries officers from five countries to an intensive one-month study of hatchery culture and rearing techniques for the giant malaysian prawn (*Macrobrachium rosenbergii*), during which time the participants also developed plans for introducing prawn culture in their home countries. Studies of technique were primarily conducted at the hatchery of the Hawaii Fish and Game Division, supplemented by orientation at the Hawaii Institute of Marine Biology, the Oceanic Institute, and a commercial fish and prawn farming operation. Discussions of management questions, and the development of systems of cultivation adapted to their home contexts, took place at the Institute. A follow-up in the field is planned for FY 75 to assist in dealing with system implementation problems. This activity will also re-involve individuals who participated in the 1972 Prawn Culture Techniques training program.

Staff Involved: Dr. Donald Green, coordinator.

Cooperating Institutions: Secretariat of Mekong Committee of the Economic Commission for Asia and the Far East; Hawaii Fish and Game Division; Hawaii Institute of Marine Biology; Oceanic Institute; and UH Economic Research Center.

WATER MANAGEMENT

A related set of research and professional development activities moving towards an integration of engineering, agronomic, economic and social concerns with the way intensive irrigation and other water management schemes are designed and carried out. One research activity deals with a pilot design of systems of on-farm irrigation water distribution flexible enough to permit growing alternative crops, depending on their profitability, and to permit both individual farmer management decisions and decisions by groups of farmers (such as cooperatives). Another research activity dealt specifically with the interface between farmers associations and water management. A third activity, in professional development, brought together irrigation project engineers to permit them to gain a better understanding of the biological and physical needs of crops and the social and economic needs of farmers.

ACTIVITY 1: Research on Water Systems Design: Two Institute Fellows conducted research in development and application of a computer model for layout and design of physical facilities, and a management system for delivering irrigation water to farmers in a 1,000 acre pilot site within the lands of the Muda Agricultural Development Authority (MADA) in Malaysia. Two project officers came to Hawaii, completely at MADA expense, to study these design techniques and cooperatively adapt them to the MADA project area. During FY 74, both Fellows conducted short periods of field research at MADA on two separate occasions to obtain data, check on the characteristics of the irrigation scheme and evaluate the partially completed model. This research served as a methodological guideline for a research undertaking of somewhat larger scope proposed by the UH Department of Agricultural Engineering for implementation in Malaysia.

The results of the pilot study will be used in subsequent years as 1) a model for adaptation in other country contexts; and 2) a resource and reference material for professional development activities on water management and systems design.

Cooperating Institutions: Muda Agricultural Development Authority and the Division of Irrigation and Drainage of the Government of Malaysia; the Department of Agricultural Engineering, UH.

Staff Involved: Dr. Allan Phillips, coordinator and Dr. William Staub, resource support.

Fellows Involved: Dr. Jaw-Kai Wang and Dr. Kwong-Yuan Chong designed the computer model, gathered field and secondary data, and evaluated the partially completed design in the field. The model will be completed (and published) during FY 75.

Degree Students Involved: Ross Hagan and Akram Khan were actively involved in development and evaluation of basic model.

ACTIVITY 2: Research on Allocating Water from Public Irrigation Systems: The beginning phases of this activity were completed in FY 74, and arrangements were formalized with representatives of the Royal Irrigation Department of Thailand--for collaborative pursuit of research which will identify functions which farmer irrigation associations can perform in the operation and maintenance of irrigation project facilities, and examine the incentives which are necessary to win participation of farmers' groups in these schemes. Ultimate use of research results will include their utilization in a Seminar on Integrated Aspects of Irrigation Water Management planned for FY 76.

Cooperating Institutions: Royal Irrigation Department of Thailand.

Staff Involved: Dr. William Staub, coordinator.

Fellows Involved: H. Scott Duncan will conduct research in the field, analyze field data upon return to Hawaii and be the one who will prepare the research report. Dr. Kamphol Adulavidhaya provided extensive consultation on activity design.

ACTIVITY 3: Water Management Training: This professional development activity is the first of several annual undertakings designed for irrigation and agricultural officers and representatives of farmers groups. Seventeen irrigation engineers from irrigation departments in five countries took part in the three-phase program. The first portion, held in the Philippines, involved a two-week Rice Production Training Program at the International Rice Research Institute. Participants also visited four irrigation schemes being implemented on Luzon by the Philippine National Irrigation Administration. The second phase, held at the East-West Center, saw four weeks of intensive analysis of leading problems relating to the performance of improved water management. The third phase was conducted in Thailand where the participants consulted with representatives of the Royal Irrigation Department and studied two land levelling and consolidation projects being implemented by the Department. Experience gained during this professional development activity will help provide a basis for determining criteria for analyzing and describing functions performed in irrigation projects, and a means of testing the applicability of management concepts to this aspect of agriculture.

Cooperating Institutions: Directorate of Water Resources Development (Indonesia); Agricultural Development Corporation (Korea); Drainage and Irrigation Department (Malaysia); National Irrigation Administration (Philippines); Royal Irrigation Department (Thailand); International Rice Research Institute; World Bank; UH College of Tropical Agriculture; East-West Technology and Development Institute; East-West Communication Institute; and Hawaii Sugar Planters Association.

Staff Involved: Dr. William Staub, coordinator, Dr. Donald Green, and Dr. Saleem Ahmed.

Degree Students Involved: Ross Hagan and Akram Khan.

SYSTEMS OF CROP PROTECTION

Immense food losses occur each year, in storage and in the field, due to the hazards of insect infestations, weed competition and disease attacks. Many current pest control practices are ineffective or have severe harmful side-effects. Pest "management" transforms traditional "control" practices into an integrated approach within the whole production system and in the context of environmental management. During FY 74 a single project, including three activities, was carried out in this area.

PEST MANAGEMENT

A continuing effort to develop, in collaboration with other institution in the U.S., Asia and the Pacific, the conceptual and applied meaning of pest management. The objective is to develop a practical discipline which will simultaneously minimize food losses due to pest damage and preserve a desired environmental quality to the greatest extent possible. Questions of diversified human values, public policy formulation, and economic feasibility combine with agricultural and food technology in the development of a workable concept of pest management.

ACTIVITY 1: Pest Management in Farm Management Systems: This research activity seeks to determine the appropriate system of pest management within the constraint of the overall management of farm crops. During FY 74 informal planning meetings were held to identify the types of field and laboratory experiments, literature searches, interview surveys and data analyses that could be conducted with the UH College of Tropical Agriculture and other institutions. A paper on "Pest Management: Concepts, Objectives and Problems," prepared by George Peterson during the year, elaborates the issues involved in this research program.

Cooperating Institutions: College of Tropical Agriculture, UH.

Staff Involved: Dr. Philip Motooka, coordinator.

Fellows Involved: George D. Peterson prepared a conceptual and practical review of the objectives and issues in pest management, noted above.

ACTIVITY 2&3: (a) Seminar on the Professional Doctorate in Pest Management, and (b) Seminar in Pest Management for Agricultural Administrators. In a related pair of professional development activities scheduled to immediately follow each other, a proposal to develop an educational curriculum and professional status for highly qualified pest management specialists was deliberated first by scientific and technical specialists and then by policymakers and administrators. The proposed specialist would be comparable in many ways to the Doctor of Veterinary Medicine. In preparation for these two seminars a position paper "Pest Management: A New Concept Needs a New Educational Approach" was prepared by Institute Fellow George Peterson. Ten countries were represented at each seminar; there were twenty-five participants in the scientific-technical group, and twenty-eight taking part in the subsequent deliberations by administrators and policymakers. Five Deans of Agricultural colleges and faculties, and representatives from the UN Food and Agricultural Organization (FAO), the International Rice Research Institute (IRRI), and the U.S. Environmental Protection Agency (EPA) also participated.

Cooperating Institutions: UH College of Tropical Agriculture; UN Development Program (FAO/UNDP). The employing agencies of each participant sponsored the participants' travel or otherwise made programmatic commitments. (See list of participants, Appendix C)

Staff Involved: Dr. Philip Motooka, coordinator.

Fellows Involved: George D. Peterson prepared the basic background working documents for these seminars.

Degree Students Involved: Kok Choi Chan, Samuel Gnanamanickam, Kon-Wui Liew, Clifford Munroe, Jong-Yeong Pyon, Fred Stone, and An-ly Yao assisted with preparations for these two seminars. Fred Stone presented aspects of his research on rice paddy pest ecology in Thailand, as did An-ly Yao on American pest problems prepared cooperatively with Kok Choi Chan, Clifford Munroe, and Jong-Yeong Pyon.

AGRICULTURE AND FOOD PLANNING AND ADMINISTRATION

Participation in the planning and implementation of food-related development programs may extend from the level of the farmer or fisherman to the level of the national capital. It may involve private and informal individual and group action, as well as the recognized structures of government. Development policy requires a basis in the realities of the physical, biological, social, political and institutional environment in which it has to be carried out. The implementation of public programs and projects requires increasingly complex skills of management and human relations. During FY 74, projects and activities undertaken in this area included:

PUBLIC PROGRAM MANAGEMENT

The study of agricultural and rural development administration provides an understanding of the formal and informal organizations and structures of government and the processes by which agricultural and rural development activities are formulated and carried out. Largely because of the lack, in most developing areas, of a large and viable "middle class" with its associated educational and financial base, government institutions have been charged with heavy responsibilities for planning and carrying out food-related development programs. Most of the personnel working in these areas entered public service when technologies were simpler, and the requirements of inter-agency coordination less demanding. For many, the burdens of technical comprehension and coordinative skill have overtaken their capabilities under customary procedures.

ACTIVITY 1: Agriculture and Rural Development Administration: This is a course for Institute degree scholars, offered within the framework of graduate level courses at the UH by Institute Director, Nicolaas Luykx. Because most degree scholars will likely find themselves in positions of making development policy or of carrying out policies made by others, the objective of this course is to sensitize and orient students to the problems of goal setting, decision making, organization, personnel and financial resource mobilization, central-local relations and integrated developmental planning. During FY 74, 13 students enrolled during the summer session (1973) and 14 enrolled in spring term.

Cooperating Institutions: The UH College of Tropical Agriculture provides principal support, facilities and course credit.

ACTIVITY 2&3: Middle-Level Managers Workshops in a) Korea, and b) Malaysia: As part of a continuing sequence of professional development activities, a resource team including other staff research associates and specialists from Korea, the Republic of China, Malaysia, and the Philippines, conducted two three-week pilot sessions in Korea and Malaysia. These sessions followed an initial session conducted in the Republic of China in late 1972. Thirty participants joined the session in Korea and 45 met in Malaysia. Participants represented research and extension supervisors and other administrators responsible for implementing public agricultural programs at major rural centers, or at levels up to that of the national capital. Workshop emphasis included the study of managerial tasks (such as staff management, information gathering and feed back, developing and monitoring internal and external

working relationships, financial management and evaluation), analysis of the "task environment," identifying local needs and the implications of national policies, resource mobilization, and coping with the demands of special interests.

Cooperating Institutions: Office of Rural Development (Korea); National Agricultural Cooperatives Federation (Korea); Department of Agriculture (Malaysia); University of the Philippines at Los Banos (Philippines); Farmers Service Division, Joint Commission on Rural Reconstruction (Republic of China); the Agency for Agricultural Education and Training, Department of Agriculture (Indonesia); additional resources contributed by associated institutions in each country.

Staff involved: Dr. Donald Green, coordinator; Dr. William Staub; and Dr. Saleem Ahmed.

Fellow Involved: Ta-Jen Chang began work during the year on the assembly and analysis of training resource materials and the organization of a syllabus and manual.

INTEGRATED POLICYMAKING

The activities undertaken in this endeavor focus attention on selected cases of integrated rural development policymaking that involve participation from all levels of jurisdiction. This will help make it possible to understand 1) alternative approaches to policymaking, 2) how policies made in one country or sector affect other countries and sectors, and 3) how the contributions of different fields of disciplinary specialization help elucidate the functioning of the entire food system. During FY 74, three identified activities, all initiated in previous years, were continued.

ACTIVITY 1: Food Systems of Asia and the Pacific: A regular seminar course of study designed for degree scholar participants (under the coordination of Institute Director, Dr. Nicolaas Luykx) within the framework of graduate level courses at the UH. During the fall of 1973, with an enrollment of 10, the seminar focused attention on the East Asian region; during spring 1974, with an enrollment of nine the seminar focused on Southeast Asia. In each semester the seminar 1) discussed the major current food-related issues in the selected sub-regions; 2) oriented participants to the systems analysis format and procedures as applied to food problems; and 3) demonstrated the interrelatedness of disciplinary fields of study in taking a problem approach to developmental problems.

Cooperating Institutions: UH College of Tropical Agriculture.

Fellows Involved: Dr. Anthony Koo conducted a session on conceptual and data needs in the study of land and other resource use. Dr. Margaret McArthur discussed fallacies in customary approaches to nutritional problems. Dr. Jaw-Kai Wang led a session on methodological and conceptual difficulties in studying food systems. Dr. Dennis Meadows, East-West Population Institute Fellow, reviewed the work of himself and his associates subsequent to the publication of their well-known study "Limits to Growth."

ACTIVITY 2: Technology, Growth and Income Distribution: This activity completed its second year of research, a year marked by nine months of field investigation in India that included extensive interviews with authorities at the executive and parliamentary level in the national capital, as well as with key administrators and policymakers in agricultural and rural development at the state, district and village levels in selected states in the northern, central and southern regions of the country. During FY 75, the research data will be assembled and analyzed as the basis for a book-length manuscript.

Cooperating Institutions: Numerous national and state government authorities in India gave freely of their time and knowledge in cooperation with this activity.

Staff Involved: Dr. Nicolaas Luykx, coordinator.

Visiting Researcher Involved: Mrs. Kusum Nair has been the principal investigator in this activity since first joining the Institute initially as a Fellow in July 1972.

ACTIVITY 3: Chinese Rural Development Workshop: Planning Phase: This planning meeting brought together eight leading specialists on aspects of rural development in the People's Republic of China to help prepare for a six-week workshop scheduled for the summer of 1975. This activity has been under the coordination of Dr. Nicolaas Luykx, Institute Director. At the planning meeting the group developed an outline of content for the six-week workshop, identified sources of participants, resource persons and documentary resources, and listed possible sources of external funding.

AGRICULTURAL AND FOOD INFORMATION GENERATION, PROCESSING AND UTILIZATION

This set of linked undertakings which, as a group, is designed to help introduce rigor and comprehensiveness, on a progressive basis, into the existing systems for generating or gathering raw data, and ultimately transforming it into reliable information in support of education, operations and policy. In FY 73, a conference on Measuring the Growth of Agricultural Productivity in Asia identified problems of obtaining and analyzing data on which to base estimates of economic performance in agriculture on a national scale. In order to remedy some of the identified problems it was necessary to begin with fundamentals. This direction will be continued in subsequent years with activities which examine the appropriate design of research institutions and the basic skills needed in research and extension. There were two activities conducted during FY 74, both dealing with the Pacific Islands region.

ACTIVITY 1: Research Assistants Training: In a professional development program for 13 research officers from 10 countries and territories, six weeks were devoted to developing and improving basic skills, undertakings and attitudes needed in practical experimentation. Between sessions devoted to practical field and classroom study of experimental plot layout and management, simple data analysis and equipment use, the participants drafted portions of a training syllabus and a research worker's manual. In following years the methods studied will be reinforced by follow-up and by coordinated participation in a regional vegetable research project sponsored by the South Pacific Commission.

Cooperating Institutions: The UH College of Tropical Agriculture and the South Pacific Commission.

Staff Involved: Dr. Philip Motooka, coordinator.

Fellows Involved: George D. Peterson worked in developing the learning format for the syllabus and manual being prepared jointly by participants.

ACTIVITY 2: Pacific Agricultural Information and Communication Workshop: This professional development activity, conducted jointly with the East-West Communication Institute, aimed at sharing the knowledge of extension and communication processes as experienced in the Pacific Islands region with its special problems of physical isolation. Twelve persons represented seven Pacific countries and territories plus the island areas of Indonesia and Malaysia. They met for six weeks of study and practical work exercises, including preparation of agricultural information materials, the use and maintenance of related equipment, and the practical use of different media. Six months after the workshop, a follow-up was conducted via the PEACESAT satellite voice communications system--as a test of the system for extension support.

Cooperating Institutions: East-West Communication Institute; UH College of Tropical Agriculture; participants' employing governments. (See list of participants, Appendix C)

Staff Involved: Dr. Donald Green, co-leader.

COMMUNITY NUTRITION

People-oriented work in nutrition is concerned with the nutritional status of individuals, and the educational and logistical problems of bringing the status up to determinable standards of physical well-being. Certain groups or categories of people (such as the unborn, pregnant and lactating women, infants and the aged) have special needs requiring special attention and action. Among the early actions which will need to be taken is the development of educational programs which will prepare community-level workers and technical experts in community nutrition problems. Toward the close of the year under review arrangements were completed for a full-time professional specialist, Yueh-Heng Yang, formerly of the UN Food and Agricultural Organization and the Sino-American Joint Commission on Rural Reconstruction, to join the Institute staff. Pending his arrival, projects and activities during the year were conducted by other staff with the support of several visiting Fellows. These included:

PROBLEMS OF NUTRITIONALLY VULNERABLE GROUPS

The purpose of this project is to understand the specific nutritional problems of particularly vulnerable groups, and the pre-school child was selected as a focus of attention at the inception of this project in 1972. It endeavors to relate the identified nutritional problems to economic, political, social and other forces affecting the entire food system; and to study cooperatively the means for planning and implementing progressive programs for improving the nutritional status of individuals within their community settings.

ACTIVITY 1: Designing Programs of Nutritional Improvement: A follow-up on recommendations of a seminar held in February 1974, on "The Nutritional Problems of the Pre-School Child." This included literature search, the assembly of materials and the examination of nutritional and public policy information from several countries. In subsequent years this will involve the development of alternative institutional approaches appropriate to the identifiable circumstances in different countries. Under the general coordination of Institute Director, Dr. Nicolaas Luykx, staff research associate Dr. William Staub and others, studies were conducted during the year on data from Malaysia, Papua New Guinea, Indonesia and the Philippines by visiting Fellows Dr. Margaret McArthur, Dr. Cecilia Florencio, and Dr. and Mrs. Sajogyo.

CURRICULUM DEVELOPMENT

There is a lack of nutritional programs offered at the "community" level in the U.S., Asia and the Pacific. Most frequently, nutritional services are provided through hospitals. To enhance the capacity of individuals to provide nutritional services in communities, formal educational programs are needed to train community nutrition workers, their trainers and supervisors, and higher-level specialists who provide them with technical support.

ACTIVITY 1: Community Nutrition Curriculum Survey: A three-week survey of 22 educational and 19 administrative institutions involved in nutrition education was planned and carried out in the Republic of China, Indonesia, Malaysia, Thailand and the Philippines. The report of this survey was communicated back to the representatives contacted, and was followed by an exchange of information circulars and correspondence dealing with 1) the meaning of "community nutrition," 2) a detailed description of existing and potential employment opportunities in each country being surveyed, and 3) a summary of desirable skills which community nutrition workers should have. This survey and follow-up communications were in preparation for a two-week workshop on Curriculum Development in Community Nutrition scheduled for midway in FY 75.

Cooperating Institutions: UH College of Tropical Agriculture and School of Public Health; plus some 22 Asian institutions of higher learning whose representatives have been active in this activity.

Staff Involved: Dr. William Staub, coordinator, and Dr. Nicolaas Luykx.

Fellows Involved: Dr. Cecilia Florencio provided principal professional guidance in launching and guiding the work in curriculum development. She prepared several background statements as discussion papers for use with participants. Mrs. Josefa Eusebio helped in the conceptual and logistical plans for the curriculum workshop scheduled for FY 75.

OUTLOOK FOR FY 75

The East-West Food Institute will begin FY 75 with a well-balanced professional staff that grew to nine in FY 74, by filling two vacancies and adding three new positions. The Institute now has program strength in soil science, weed science, agricultural engineering, extension and adult education, economics and agricultural economics, and nutrition.

During FY 75, there will be growth in the research work on agricultural diversification and trade. The study of the management of living aquatic resources will be confined to a follow-up and review of accomplishments by past participants in the aquaculture technique sessions on the giant malaysian prawn, and launching a third training session.

Research on the interface between farmers and irrigation technology will enter its field study phase in Thailand; while research on the pilot study of flexible designs for on-farm irrigation delivery systems will be given a final review before publishing the report. A second two-month training session for irrigation project engineers is also scheduled.

A new project on fertilizer inputs--concentrating on coordinating the flow and exchange of information in managing short supplies (in view of the "energy crisis") for maximum agricultural productivity--will get underway with a broad survey of existing information and a planning meeting to identify directions for continuing and new research.

Pest management research, within a context of general farm management, will enter a stage of field work during the coming year and toward the close of the year a training workshop in pest management is scheduled.

Based on experience in field workshops held in the Republic of China, Korea and Malaysia, a month-long workshop to develop materials and adaptable curricula for the training of middle-level managers of agricultural programs will be held.

The research on Technology, Growth and Income Distribution will proceed through the analytical stages toward a book-length manuscript, and background documents for the Workshop on Chinese Rural Development will be put into complete draft form.

A follow-up will be conducted with former Pacific Island participants in the Research Assistants Training Course, and a planning session will be held to design further training in the area of basic and applied agricultural statistical procedures.

There will be a two-week workshop on Curriculum Development in Community Nutrition building on the extensive cooperative planning that will have been in progress for two years by the time of the workshop in February 1974. More detailed plans will be prepared for a series of field workshops on policymaking involving public health specialists, national planners and commercial interests.

The year will be marked also by more intensive explorations among Institute staff members, student participants and visiting Fellows toward development of closer professional ties in cooperative program planning, joint research and related activities.

It is expected that up to three joint doctoral research interns will join the Institute to work on continuing research projects.

The Institute will continue to work with authorities in the UH toward the specification and implementation of professional relationships. Steps will also be taken to form an international advisory board which will serve as a means of obtaining insight into program directions and enhancing cooperative relationships on a broad base.

APPENDIX A
1974 Program Matrix
East-West Food Institute

Subdivision	Agro-Economic Management	Systems of Crop Protection	Ag and Food Planning Admin.	Community Nutrition
Project Activity	<u>Food Production, Diversification and Trade</u> 1. Agricultural diversification and trade workshop and research 2. Agricultural transformation and resource adjustment 3. Prawn farming systems technique <u>Water Management</u> 1. Research on water systems design 2. Research on allocating water for public irrigation systems 3. Water management training	<u>Pest Management</u> 1. Pest management in farm management systems 2. Seminar on professional doctorate in pest management 3. Seminar in pest management for ag administrators	<u>Public Program Management</u> 1. Agriculture and rural development administration 2. Middle level managers workshop -- Korea 3. Middle level managers workshop -- Malaysia <u>Integrated Policymaking</u> 1. Food systems of Asia and the Pacific 2. Technology growth and income distribution 3. Chinese rural development workshop--planning phase <u>Agricultural and Food Information, Generation Processing and Utilization</u> 1. Research assistants training 2. Pacific ag information and communication workshop	<u>Problems of Nutritionally Vulnerable Groups</u> 1. Designing programs in nutritional improvement <u>Curriculum Development</u> 1. Community nutrition curriculum survey
Staff Assigned ^a to Subdivision	Allan Philips, William Staub, Saleem Ahmed, Brian Lockwood*	Philip Motooka*	Donald Green, Brian Lockwood*, Philip Motooka*	Y. H. Yang
Visiting Researcher & Fellows Assigned to Subdivision	Chennat Gopalakrishnan, Anthony Koo, Lito Calo, Jaw-Kai Wang, Scott Duncan, Sajogyo, Kwong-Yuan Chong, John Foster, S.V. Sethuraman, Kamphol Abulavidhaya	George Peterson	Kusum Nair Ta-Jen Chang	Margaret McArthur Cecilia Florencio Pudjiwati Sajogyo
PD Participants	29	53	100	22
Degree Students	32	14	18	7

^a Staff are assigned, with primary and secondary responsibilities, to more than one subdivision; only primary responsibilities are shown here.

* Primary responsibilities divided between two subdivisions.

APPENDIX B

East-West Food Institute

FELLOWS

(Note: Activities of Fellows are reported in greater detail in the narrative section of the Institute, especially as their activities relate to Institute projects)

ADULAVIDHAYA, Dr. Kamphol, Head, Department of Agricultural Economics, Kasetsart University, Bangkok, Thailand. (1/5/74 - 5/5/74)

Research: Focused on problems of output, employment and income distribution in agricultural sector of Thailand.

CALO, Dr. Lito L., Ranch Development and Management Consultant, Philippines. (1/1/73 - 12/31/73)

Research: Centered on development of project relating to mixed or diversified farming (including cattle under coconuts) with emphasis on agro-economic management.

CHANG, Ta-jen, Senior Specialist in Management (retired), Republic of China. (4/23/74 - 4/22/75)

Activity: Will contribute primarily to preparation of teaching materials for middle level manager of agricultural programs; provide co-leadership in Institute's public program management project; assist in identifying related research needs and evaluation procedures for project.

CHONG, Dr. Kwong-Yuan, formerly Graduate Research Assistant in Agricultural Economics, Michigan State University. (1/5/73 - 4/30/75)

Research: A Malaysian Economist developing systems analysis approach for developmental planning in Southeast Asian countries. Also collaborating on design of economic framework for analyzing agricultural diversification and irrigation planning issues in region.

DUNCAN, H. Scott, former Deputy Director, Center for Cross-Cultural Training and Research, Hilo. Currently studying for a doctorate in anthropology at UCLA. (5/1/74 - 4/30/75)

Research: Relationship between technical and social aspects of organized irrigation projects.

FOSTER, Dr. John, Professor, Department of Agricultural and Food Economics and Director, Center for International Agricultural Studies, University of Massachusetts. (8/15/72 - 7/15/73)

Research: Focused on agricultural adjustment and technological change in Asia.

GOPALAKRISHNAN, Dr. Chennat, Associate Professor, Agricultural and Resource Economics, College of Tropical Agriculture, University of Hawaii. (1/1/74 - 6/30/74)

Research: Focused on economic, institutional and legal aspects of aquatic resources management with special emphasis on marine matters.

KOO, Dr. Anthony, Professor of Economics, Michigan State University. (3/15/73 - 9/15/73)

Research: Did research and writing on question of land tenancy and reform in Asia.

McARTHUR, Dr. Margaret, Senior Lecturer in Anthropology, University of Sydney, Australia. (7/1/73 - 5/31/74)

Research: Conducted research on factors which influence dietary habits of persons in rural areas of Pacific and Southeast Asia.

PETERSON, George D. Jr., formerly Entomologist, USAID, Washington, D.C. (2/1/73 - 11/30/73)

Activity: Development of innovative training programs and training materials dealing with integrated pest management.

SAJOGYO, Dr., Professor in Rural Sociology, Bogor Agricultural University, Institut Pertanian Bogor. (2/1/73 - 12/31/73)

Research: Conducted research covering scope of Agro-Economic Survey; on programs concerning agricultural diversification; developed innovative research approaches on "village dynamics."

SAJOGYO, Pudjiwati, Lecturer in Rural Sociology, Bogor Agricultural University, Institut Pertanian Bogor. (2/1/73 - 12/31/73)

Research: Evaluated Indonesian "applied nutrition program" (funded by UNICEF) in Jakarta, Indonesia. Also conducted research on family status and community nutrition.

SETHURAMAN, Dr. Seth V., Research Economist, U.S.
Agency for International Development, New Delhi, India.
(8/15/72 - 8/15/73)

Research: Employment and income effects of
agricultural change.

FLORENCIO, Dr. Cecilia, Head, Department of Food
Science and Nutrition, University of the Philippines.
(3/1/73 - 10/30/73)

Research: Design of innovative curricula for training
community-level nutrition workers.

WANG, Dr. Jaw-Kai, Professor and Chairman, Agricultural
Engineering, University of Hawaii. (7/1/73 - 4/30/74)

Research: Pursued research on flexible designs for
irrigation projects under different economic, agronomic
and social conditions. Collaborated on design of economic
framework for analyzing agricultural diversification and
irrigation planning issues in Southeast Asian countries.

Visiting Researcher
in Residence

NAIR, Kusum, formerly Visiting Researcher, Department
of Social Science, Asian Studies Center, Michigan
State University. (1/1/73 - 6/30/75)

Research: Conducting research on process by which
policies are formulated for development in rural sector
of several Asian countries.

APPENDIX C

East-West Food Institute

PROFESSIONAL DEVELOPMENT PARTICIPANTS

Agricultural Research Assistant Training

Participants

ARRIGHI, Robert, Deputy Director, Centre d'Experimentation Agricole de la Cote Ouest, New Caledonia.
CABLE, William J., UH Graduate Student in botany, USA.
EMOSE, Petweli Nataniela, Senior Field Assistant, Wainigate Research Station, Fiji.
FA'ANUNU, Haniteli 'Ofa, Farm Manager, Nuku 'Alofa, Tonga.
HEKA, Alapati Tutuli, Field Officer, Agriculture Department, Niue.
KWANAFIA, Ben, Senior Field Assistant, Dala Experimental Station, British Solomons.
PHILLIP, Jackson, Agricultural Extension Aide II, Trust Territory.
ROMAN, Ezekiel, Experimentalist in Agriculture, Papua New Guinea.
SINI M. VAIAOGA, Olefa, Soils Technician, Alafua, Western Samoa.
TUMAUA, Tofa Ioane, Research Field Assistant, Agricultural Department, Western Samoa.
UHRLE, Jack P., Agricultural Program Specialist, Department of Agriculture, American Samoa.
UMETSU, Gordon, Field Assistant, Hawaii Agricultural Experiment Station, Kauai Branch, USA.
YAU, Robert, Assistant Manager, Agricultural Department, Tahiti.

Irrigation Water Management for Intensified Agriculture

Participants

ABESAMIS, Leonardo, Upper Pampanga River Project, Agricultural Division, National Irrigation Administration, Philippines.
CALDERON, Mario, Talavera River Irrigation System, National Irrigation Administration, Philippines.
CHOO, Yong Kee, Agricultural Development Corporation, South Korea.
DAMIRI, Nawawi, Project Irrigation Jratunseluna, Indonesia.
FERNG, Meow Chong, Drainage and Irrigation Division, Malaysia.
GANY, Hafied, Directorate of Water Resource Development, Ministry of Public Works, Indonesia.
GUSILATAR, Rogelio F., National Irrigation Administration-UNDP, Groundwater Development Program, Philippines.
LAU, Kim Paik, Drainage and Irrigation Division, Malaysia.
METHA, Hovarongkura, Royal Irrigation Department, Thailand.
PHOL, Charoensuk, Baromathart Irrigation Project, Royal Irrigation Administration, Thailand.
QUAH, Tek Hoe, Muda Irrigation Project, Muda Agricultural Development Authority, Malaysia.
SALAZAR, Manuel J., National Irrigation Administration, Philippines.

SHIN, Dong Soo, Agricultural Development Corporation, South Korea.
SOETJIPTO, Kartomihardto, Prosida Irrigation Project, Indonesia.
SUWAN, Seubjargdi, Samchook Irrigation Project, Royal Irrigation Administration, Thailand.
TAN, Jin Tun, Muda Irrigation Project, Muda Agricultural Development Authority, Malaysia.
THAVATCHAI, Satrusajang, O & M Division, Royal Irrigation Administration, Thailand.

Building Giant Prawn Farming Systems

Participants

ACHMAD, Sutomo, Institut Pertanian Bogor, School of Fisheries, Indonesia.
AMATYAKUL, Chertchai, Director, Inland Fisheries Division, Department of Fisheries, Thailand.
IWAI, Thomas, UH Graduate Student in animal science, USA.
KAM, Peter T., UH Graduate Student in animal science, USA.
LE-TRI, Dung, Chief, Industrial and Fish Processing Service, Fisheries Directorate, South Vietnam.
NGUYEN-VAN, Chan, Assistant Chief, Fish Marketing and Industrial Division, Fisheries Directorate, South Vietnam.
SINGHOLKA, Somsuk, Biologist, Department of Fisheries, Thailand.
SUSANTO, Vicentius, Director of Resources Development and Conservation, Directorate General of Fisheries, Indonesia.
TIME, Savali, Fisheries Assistant, Fisheries Division, Agriculture Department, Western Samoa.

Workshop on the Professional Doctorate in Pest Management

Participants

BENDIXEN, Dr. Leo, Agronomy, Ohio State University, USA.
BINDRA, Dr. O.S., Head, Entomology, Punjab Agricultural University, India.
BOOTH, Dr. Gary M., Zoology, Brigham Young University, USA.
CHUNG, Bong Koo, Senior Researcher, Institute of Agricultural Science, Office of Rural Development, Korea.
COX, Dr. Robert S., Trop-Ag Consultant Service, Florida, USA.
DICKERSON, Dr. O.J., Plant Pathology, Kansas State University, USA.
ENGELHARD, Robert, Vice-President of Marketing, Brewer Chemical Corporation, Hawaii, USA.
FIRMAN, Ivor, Plant Protection Officer, South Pacific Commission, New Caledonia.
HOLTZMAN, Dr. Oliver, Chairman, UH Plant Pathology, USA.
HSIEH, Dr. F.K., Senior Specialist in Entomology, Plant Protection Center, Taiwan.

KADARSAN, Dr. Sampurno, Director, Zoological Museum, Bogor Botanical Gardens, Indonesia.
 MARTINEZ, Albert, Specialist, UH Plant Pathology, USA.
 MATTHEWS, L.J., Department of Agriculture, Research Division, New Zealand.
 MITCHELL, Dr. Wallace, Chairman, UH Entomology, USA.
 NAMPOMPETH, Dr. Banpot, Chairman, Entomology and Plant Pathology, Kasetsart University, Thailand.
 NISHIDA, Dr. Toshiyuki, Professor, UH Entomology, USA.
 OBIEN, Dr. Santiago R., Cyanamid Agricultural Research Foundation, Inc., Philippines.
 OKA, Dr. Ida, Research Fellow, Entomology, Cornell University, USA.
 OSGOOD, Dr. Robert, Associate Agronomist, Hawaii Sugar Planters' Association, Hawaii, USA.
 OSMUN, Dr. John V., Director, Office of Pesticide Programs, United States Environmental Protection Agency.
 PIMENTEL, Dr. David, Entomology, Cornell University, USA.
 RODGERS, Dr. E.G., Professor and Graduate Coordinator, Department of Agronomy, University of Florida, USA.
 SANCHEZ, Dr. Fernando F., Director, Rodent Research Center, University of the Philippines.
 SCHLEGEL, Dr. David E., Chairman, Plant Pathology, University of California at Berkeley, USA.
 SEMANGOEN, Dr. Harjono, Director of Research, Institute for Tea and Cinchona, Indonesia.
 SOENARDI, Director of Agricultural Technique, Indonesia.
 STARK, Dr. R.W., Coordinator of Research, University of Idaho, USA.
 STONE, Frederick, UH Graduate Student in geography, USA.
 TING, Dr. Wen Poh, Head, Crop Protection Research Division, MARDI, Malaysia.
 WIRJOSUHARDJO, Dr. Samino, Dean, Faculty of Agriculture, Gadjah Mada University, Indonesia.
 YATES, W.E., Agricultural Engineering, University of California at Davis, USA.

Observers

ABU BAKAR, Abu Kassim bin, UH Graduate Student in plant pathology, USA.
 ALVAREZ, Dr. Anne, UH Plant Pathology, USA.
 ANDERSON, Terry, UH Graduate Student in plant pathology, USA.
 APT, Dr. Walter J., UH Plant Pathology, USA.
 ARAGAKI, Dr. Minoru, UH Plant Pathology, USA.
 HWANG, Ruey C., UH Graduate Student in plant pathology, USA.
 HWANG, Shin C., UH Graduate Student in plant pathology, USA.
 KEFFORD, Dr. Noel, Chairman, UH Departments of Botany and Plant Physiology, USA.
 LIEW, Kon-Wui, UH Graduate Student in plant pathology, USA.
 MCKAUGHAN, Dr. Howard, Dean, UH Graduate Division and Director of Research, USA.
 PATIL, Dr. Suresh, UH Plant Pathology, USA.
 RASHID, Abdul Rahman bin, UH Graduate Student in plant pathology, USA.
 ROHRBACK, Dr. Kenneth, UH Plant Pathology, USA.
 SWINDALE, Dr. Leslie, Associate Director, UH Hawaii Agricultural Experiment Station, USA.
 TERRY, Ronald M., Maui Land and Pineapple Co., Inc., Hawaii, USA.

TESHIMA, Allen, Hawaii Sugar Planters' Association, USA.
 TOLAN, John J., Executive Vice President, Pineapple Growers Association, Hawaii, USA.
 ZANSTRA, Bernard, UH Graduate Student in horticulture, USA.

Pest Management Seminar for Agricultural Administrators

Participants

ADIWINATA, Dr. Ojo, First Director, State Plantations Corporation XII, Indonesia.
 ALLEN, Dr. A. Lester, Dean, College of Biological and Agricultural Sciences, Brigham Young University, USA.
 AZIZ, Ir. Hasman, Director, Lembaga Penelitian Tanaman Industri, (Research Institute for Industrial Crops), Indonesia.
 BINDRA, Dr. O.S., Head, Entomology, Punjab Agricultural University, India.
 CAMPOS, Dr. Filomena, Director of Research, Central Luzon State University, Philippines.
 CUSTODIO, Hipolito, Chief, Pest and Disease Control Section, Bureau of Plant Industry, Philippines.
 FEUER, Dr. Reeshon, Crop Production Specialist, International Rice Research Institute, Philippines.
 FOLKS, Dr. H.C., Associate Dean, College of Agriculture, University of Missouri, USA.
 FURTICK, Dr. William R., Chief, Plant Protection Service, FAO-United Nations, Italy.
 HESS, Dr. Carroll V., Dean, College of Agriculture, Kansas State University, USA.
 HSIEH, Dr. F.Y., Senior Specialist in Entomology, Plant Protection Center, Taiwan.
 HSU, M.C., Chief, Plant Protection Division, Taiwan Provincial Department of Agriculture and Forestry.
 JAMIL, Tan Sri Mohamad bin, Director-General of Agriculture, Ministry of Agriculture and Fisheries, Malaysia.
 JOHNSON, E.L., Associate Deputy Assistant Administrator, Office of Pesticide Programs, U.S. Environmental Protection Agency.
 JOHNSON, Dr. Jerry M., Acting Director, UH Environmental Center, USA.
 KAMARUDDIN, Yang Amri, Deputy Director of Administration, MARDI, Malaysia.
 LUKSANANDANA, Dr. Bhakdi, Director-General Agricultural Department, Ministry of Agriculture and Cooperatives, Thailand.
 MAJUMDER, Dr. S.K., Chairman, Infestation Control and Pesticides Discipline, Central Food Technological Research Institute, India.
 NAMPOMPETH, Dr. Banpot, Chairman, Entomology and Plant Pathology, Kasetsart University, Thailand.
 NISHIDA, Dr. Toshiyuki, Professor, UH Entomology, USA.
 OBIEN, Dr. Santiago R., Cyanamid Agricultural Research Foundation, Inc., Philippines.
 QUEBRAL, Dr. Florendo, Chairman, Plant Pathology, University of the Philippines.
 REE, Dr. Jeung Haeng, Director, Institute of Agricultural Science, Office of Rural Development, Ministry of Agriculture and Fishery, Korea.
 SANCHEZ, Dr. Fernando F., Director, Rodent Research Center, University of the Philippines.
 SINGH, S.R., Principal Research Officer, Entomology, Department of Agriculture, Fiji.

SMITH, Dr. E.H., Head, Entomology, Cornell University, USA.
 SOENARDI, Director of Agricultural Technique, Indonesia.
 STARK, Dr. R.W., Coordinator of Research, University of Idaho, USA.
 STEVENSON, Dr. E.C., Associate Dean of Agriculture, Oregon State University, USA.
 STONE, Frederick, UH Graduate Student in geography, USA.
 TING, Dr. Wen-Poh, Head, Crop Protection Research Division, MARDI, Malaysia.
 WIRJOSUHARDJO, Dr. Samino, Dean, Faculty of Agriculture, Gadjah Mada University, Indonesia.

Observers

ABU BAKAR, Abu Kassim bin, UH Graduate Student in plant pathology, USA.
 ALVAREZ, Dr. Anne, UH Plant Pathology, USA.
 ANDERSON, Terry, UH Graduate Student in plant pathology, USA.
 HOLTZMAN, Dr. Oliver, Chairman, UH Plant Pathology, USA.
 LIEW, Kon-Wui, UH Graduate Student in plant pathology, USA.
 NISHIMOTO, Dr. Roy, Associate Professor, UH Horticulture, USA.
 OSGOOD, Dr. Robert, Associate Agronomist, Hawaii Sugar Planters' Association, Hawaii, USA.
 PATIL, Dr. Suresh, UH Plant Pathology, USA.
 RASHID, Abdul Rahman bin, UH Graduate Student in plant pathology, USA.
 VAN DIEPEN, Dr. Jan R., Director, Marketing Agriculture Chemicals, Pacific Basin, Staffer Chemical Co., USA.
 ZANSTRA, Bernard, UH Graduate Student in horticulture, USA.

APPENDIX D
East-West Food Institute

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. AHMAD, Nazir	Pakistan	PHD	Soil Sci.
2. AHN, Chang-Soon	Korea	PHD	Horticulture
3. ALEXANDER, Charles D.	USA	MA	Ag. Econ.
4. ALI, Shafqat	Pakistan	MA	Plant Path.
5. ANJUM, Muhammad Sarwar	Pakistan	PHD	Ag. Econ.
6. ARAGON, Corazon	Philippines	PHD	Ag. Econ.
7. ARAGON, Ernesto L.	Philippines	MA	Agron. & Soils
8. ARAIN, Mohammed Saeed	Pakistan	PHD	Soil Sci.
9. AWBER, Sardar Mohammad	Afghanistan	MA	Ag. Econ.
10. CHAN, Kok Choi	Malaysia	MA	Horticulture
11. CHANG, Chen-Ning	Rep. of China	MA	Ag. Econ.
12. CHANG, Siew Hoong	Malaysia	PHD	Horticulture
13. CHAPMAN, Barbara A.	USA	PHD	Geography
14. CHUAPOEHUK, Wiang	Thailand	MA	Zoo.
15. DEWILDE, Peter H.	USA	MA	Geography
16. DILTZ, Donald O., Jr.	USA	MA	Ag. Econ.
17. FELICIANO, Victor C.	Philippines	MA	Ag. Econ.
18. FRIERSON, James W.	USA	MA	Geography
19. GETUBIG, Ismael P., Jr.	Philippines	PHD	Ag. Econ.
20. GNANAMANICKAM, Samuel S.	India	MA	Plant Path.
21. GUEVARRA, Anacleto B.	Philippines	PHD	Agron. & Soils
22. HAGAN, Ross Ellis	USA	MA	Ag. Engr.
23. HASEGAWA, Yoichi	Japan	PHD	Horticulture
24. HOLO, Tevita Fa'oa	Tonga	MA	Plant Path.
25. HOSOKI, Takashi	Japan	PHD	Horticulture
26. HURDUS, Alan R.	USA	MA	Agron. & Soils
27. JOU, Tsung-Hui Cynthia Kao	Rep. of China	MA	Food Sci. & Tech.
28. KANAI, Michio	Japan	PHD	Ag. Econ.
29. KENG, Johnny Ching-Win	Rep. of China	MA	Soil Sci.
30. KHAN, Muhammad A.	Pakistan	MA	Ag. Engr.
31. KIM, Se-Yeul	Korea	PHD	Ag. Econ.
32. KIM, Soon Kwon	Korea	PHD	Horticulture
33. KIM, Sung Kon	Korea	MA	Food Sci. & Tech.
34. KOMALMIT, Yingyong	Thailand	MA	Food Sci. & Tech.
35. KWON, Won-Jung Lee	Korea	MA	Nutrition
36. LEE, Seon	Korea	MA	Ag. Econ.
37. LIEW, Kon-Wui	Malaysia	MA	Plant Path.
38. LUMANTA, Isaias G., Jr.	Philippines	MA	Animal Sci.
39. MA YIU, Maria Weifen	Rep. of China	MA	Entomo.
40. MALIK, Uzir Bin Abdul	Malaysia	MA	Ag. Econ.
41. MIAN, Mohammad Aslam	Pakistan	PHD	Ag. Econ.
42. MIMLER, Kathleen Ann	USA	MA	Ag. Econ.
43. MIYANABE, Michiko	Japan	MA	Food Sci. & Tech.
44. MOFFITT, Robert B.	USA	MA	Zoo.
45. MORELAND, Pamela S.	USA	MA	Ocean.
46. MUKHTAR, Muhammad	Pakistan	MA	Agron. & Soils
47. MUNROE, Clifford Earl	USA	MA	Horticulture
48. NADAL, Avelito Mercado	Philippines	MA	Horticulture
49. PACHINBURAVAN, Assanee	Thailand	MA	Plant Path.
50. PACKARD, Jerry C.	USA	MA	Hist.

51. PARK, Kang Sik	Korea	PHD	Ag. Econ.
52. PELLEK, Richard	USA	MA	Agron. & Soils
53. PUNU, Bradley	Niue	BA	Trop. Ag.
54. PYON, Jong-Yeong	Korea	MA	Agron. & Soils
55. QURESHI, Ata Hussain	Pakistan	PHD	Agron. & Soils
56. RITTERBUSH, Stephen	USA	MA	Ocean.
57. ROHILLAH, Jane Q.	Philippines	MA	Entomo.
58. SALAM, Abdul	Pakistan	PHD	Ag. Econ.
59. SEHGAL, Man Mohan Lal	India	MA	Geology & Geog.
60. SENAWONG, Chokeychai	Thailand	PHD	Zoo.
61. SHAFIQUE, Muhammad	Pakistan	PHD	Ag. Econ.
62. SHOFFNER, Robert K.	USA	PHD	Anthro.
63. SRINIVASAN, Srinivasan	India	MA	Bus. Ad.
64. STONE, Frederick D.	USA	PHD	Geography
65. SUTIWATANANITI, Monchai	Thailand	MA	Ag. Econ.
66. TOKRISNA, Ruangrai Manyanondh	Thailand	PHD	Econ.
67. UPHAUS, Charles M.	USA	MA	Ag. Econ.
68. VAREEVICHANONT, Jantane	Thailand	MA	Food Sci. & Tech.
69. YAO, An-ly Annie	Rep. of China	MA	Entomo.
70. YAP, Wilfredo G.	Philippines	PHD	Ocean.
71. YU, Ting-Ting	Rep. of China	MA	Horticulture

APPENDIX E

East-West Food Institute

FIELD EDUCATION

- ALEXANDER, Charles D. (Ag. Econ.): Thesis research, "Short Term Agricultural Credit Needs on Farms in a Village of West Java;" plus visit with staff at Asian Development Bank and International Rice Research Institute, and Chiang Mai University, Thailand. (1/3/74 - 5/25/74)
- CHANG, Siew Hoong (Horticulture): Summer and fall research at University of Illinois concerning plant breeding projects to establish resistance to corn leaf aphids. (7/4/74 - 12/31/74)
- CHUAPOEHUK, Wiang (Zoo.): Thesis research on catfish nutrition at U.S. Bureau of Sport Fisheries and Wildlife Fish Farming Experimental Station, Stuttgart, Arkansas, plus visit to International Center for Aquaculture, Auburn, Alabama. (6/8/73 - 8/31/73)
- DILTZ, Donald O. (Ag. Econ.): Thesis research, "Comparative Evaluation of Credit Systems in the Republic of Korea" in cooperation with the Korean National Agricultural Economics Research Institute (NAERI) and with assistance of the Korean Institute of Science and Technology (KIST). (5/1/74 - 7/31/74)
- FRIERSON, James W. (Geography): Thesis research on the solar and terrestrial radiation energy balance in Indonesia, with support of the Central Institute of Geophysics and Meteorology and Lembaga Ilmu Pengetahuan Indonesia (LIPI). (10/28/73 - 2/13/74)
- GETUBIG, Ismael P. (Ag. Econ.): Research on structure, conduct and performance of rice marketing in one rice growing region in the Philippines, in coordination with Project ADAM (Agricultural Diversification and Markets)—a joint research undertaking by the Economic Research Service, USDA and the Bureau of Agricultural Economics, Philippine Department of Agriculture and National Resources. (9/22/73 - 9/22/74)
- GNANAMANICKAM, Samuel (Plant Path.): Summer study at University of Wisconsin and Cornell University, plus thesis research on the phytoalexins in sorghum for the pathogen *Helminthosporium turcicum*; also participated in joint meeting of the American and Canadian Phytopathologists held at Vancouver, B.C. (5/25/74 - 8/20/74)
- HOSOKI, Takashi (Horticulture): Thesis research at University of Wisconsin on tissue culture for rapid asexual propagation of plants; attended Keys to Agricultural Development Seminar at Madison, Wisconsin, and visited with staff at University of California (Riverside, Davis), Washington State University, University of Washington and Denver Wholesale Company. (7/1/73 - 8/26/73)
- HURDUS, Alan R. (Agron. & Soils): Thesis research on grain sorghum in the tropics at University of the Philippines, Los Banos. (2/1/74 - 6/30/74)
- KENG, Johnny C.W. (Soil Sci.): Fall study at Cornell University, thesis research with Dr. Goro Uehara on "Chemistry, Mineralogy, and Taxonomy of Oxisols and Ultisols" and Management Implications of Soil Mineralogy in Latin America." (9/1/73 - 12/25/73)
- KHAN, Muhammad Akram (Ag. Engr.): Practical training and experience in development of sprinkler irrigation systems for large farms with Stettler Supply Co., Oregon, Sargent Pump and Irrigation, Washington, and Cooperative Extension Service offices in California and Oregon; attended Second International Drip Irrigation Congress at Riverside, California. (5/26/74 - 9/3/74)
- KIM, Sung Kon (Food Sci. & Tech.): Fall semester study at North Dakota State University, participation in research projects dealing with cereal grain chemistry. (8/24/73 - 1/20/74)
- MIYANABE, Michiko (Food Sci. & Tech.): Winter quarter enrollment at University of California at Davis, plus visits to several research companies working in the area of sensory evaluation. (1/2/74 - 4/22/74)
- PACHINBURAVAN, Assanee (Plant Path.): Research in post-harvest pathology at University of California, Riverside. (5/25/73 - 7/15/73)
- PACKARD, Jerry C. (Hist.): Thesis research on the "History of Bougainville Taro Blight of 1940's," plus professional visits to Western Pacific Archives in Suva, Mitchell Library in Sydney, and Department of Agriculture in Port Moresby. (8/24/73 - 1/14/74)
- PUNU, Bradley (Trop. Ag.): Summer study at University of Florida, study citrus crop cultural practices with assistance of agricultural extension officers in the Glades area; also attended annual meeting of the Tropical Region of American Society for Horticultural Science in Dominican Republic. (6/13/74 - 8/15/74)
- RITTERBUSH, Stephen W. (Ocean.): Thesis research (in cooperation with the Sea Fisheries Research Institute, Jakarta) into population dynamics of lemuru fishery in the Bali Strait as a step in evaluating maximum productivity. (10/14/73 - 3/18/74)
- SALAM, Abdul (Ag. Econ.): Ph.D. research on "Economic Analysis of Fertilizer Application in Punjab-Pakistan" involving collection of primary data through a farm survey in selected districts. (8/18/73 - 2/14/74)
- SHOFFNER, R. Kirk (Anthro.): Dissertation research on "A Study of the Economy and Cultural Ecology of Melanesian Fishers and Subsistence Agriculturalists" in New Guinea. (5/25/73 - 8/31/74)

SRINIVASAN, Srinivasan (Bus. Ad.): Internship with Hawaii State Department of Planning and Economic Development, the Farmers Home Administration and USDA with emphasis on organization and administration. (6/1/73 - 7/31/73)

STONE, Frederick D. (Geography): Dissertation research on the effects of pesticides on Thailand's rice-paddy ecosystem in Thailand. (7/18/72 - 1/31/74)

SUTIWATANANITI, Monchai (Ag. Econ.): Summer study at University of Michigan, plus professional visits to Food Research Institute, Stanford University, and Department of Agricultural Economics, University of Wisconsin. (6/6/74 - 8/28/74)

UPHAUS, Charles (Ag. Econ.): Thesis research in Nepal on impact of irrigation production practices and yields in hill areas of local agricultural productivity, cropping patterns, rural employment and farm income (in cooperation with Tribhuvan University and the Departments of Agriculture and Irrigation, Kingdom of Nepal). (12/29/73 - 6/30/74)

VAREEVICHANONT, Jantane (Food Sci. & Tech.): Thesis research at University of California, Davis, on pectinolytic enzymes of bacteria responsible for decomposition of the mucilage layer of Kona coffee cherries. (5/19/73 - 7/15/73)

YU, Ting Ting (Horticulture): Fall semester study at Pennsylvania State University, plus thesis research on carbohydrate metabolism in maize kernels. (8/1/73 - 12/30/73)

APPENDIX F

East-West Food Institute

PUBLICATIONS

Agro-Economic Management

William J. Staub

THE ROLE OF IRRIGATION ENGINEERS IN IRRIGATION WATER MANAGEMENT

Report of Professional Development Workshop
May 1974. 12 pp

Report of workshop for mid-level personnel of irrigation departments with operational responsibilities in water management projects, December 3, 1973 to January 23, 1974. Participants included representatives from irrigation departments in Indonesia, Korea, Malaysia, Philippines and Thailand. Program emphasized subjects in five major areas important in practice of irrigation water management -- agronomy with special emphasis on rice production, agricultural and irrigation engineering, irrigation and production economics, communication skills, and training methods.

WATER MANAGEMENT FOR INTENSIFIED AGRICULTURE: AN INDICATIVE PLAN

April 1974. 13 pp

Cooperative educational and research program focusing on practice of water management for intensified agricultural production through FY 1977 described. Program involves cooperative research programs with operational agencies and universities to develop new knowledge relative to practice of water management. Also projects educational programs for practitioners, planners/administrators, and scholars participating in water management programs.

REPORT: FIELD WORKSHOPS ON IRRIGATION WATER MANAGEMENT

May 1973. 8 pp plus 10 page appendix

Report of field investigations with four irrigation departments (Indonesia, Malaysia, Philippines and Thailand) concerning training and research needs to support practice of water management for intensive agricultural production. Report emphasizes personnel level within irrigation departments where international short term educational programs would be effective. Suggests subject matter for such programs and outlines aspects of long term international educational program in water management.

BUILDING PRAWN FARMING SYSTEMS: A PROFESSIONAL DEVELOPMENT REPORT

January 1974. 8 pp

Report of four-week program (August 18 to September 15, 1973) to enable 10 leading fisheries officers from five countries to develop insight into potential problems of cultivating giant Malaysian prawn (*Macrobrachium rosenbergii*) under controlled farming conditions.

Preliminary emphasis devoted to study and practical exercises in larval raising techniques; hatchery design maintenance, and operation; feeding techniques and water quality maintenance; transfer of juveniles to rearing ponds; and management of rearing ponds. Finally, participants developed guidelines to be used in their respective institutions for commercial production of giant prawn.

Salem V. Sethuraman

MECHANISATION, REAL WAGE, AND TECHNOLOGICAL CHANGE IN INDIAN AGRICULTURE

Also presented at Conference of International Association of
Agricultural Economists, Sao Paulo, Brazil
August 1973. 24 pp

Tests effect of spread of agricultural technology in
Northwest India on demand for capital and labor in
agriculture.

William J. Staub and Melvin G. Blase

GENETIC TECHNOLOGY AND AGRICULTURAL DEVELOPMENT

July 1973. Reprinted from Science, July 1, 1971, Vol. 1973.
9 pp

Examines impact of genetic technologies on agriculture
in one country where they were applied in association
with evolving social structures to assist growth of rural
sector.

Santiago R. Obien and Philip Motooka

PROCEEDINGS OF WORKSHOP ON PEST MANAGEMENT: CURRICULUM DEVELOPMENT AND TRAINING NEEDS

November 1973. 145 pp

Proceedings from workshop on Pest Management
sponsored by Food Institute and UH College of Tropical
Agriculture. Purpose of workshop was to identify needs
in formal and non-formal pest management education and
develop model curricula to meet these needs. Describes
pest management curricula, actual and proposed, at
various institutions in United States, Asia and the
Pacific. Presents model curricula for formal and
non-formal educational programs, developed by the
workshop participants.

George D. Peterson, Jr.

PEST MANAGEMENT: A NEW CONCEPT NEEDS A NEW EDUCATIONAL APPROACH

Paper No. 1. November 1973. 24 pp

The complex technology of pest management and
tightening regulatory controls on pesticides requires new
professional consultant to service grower needs in crop
protection. To meet this need, a professional, certified
Doctor of Pest Management, more analogous to Doctor of
Veterinary Medicine than the Ph.D., is proposed.
Discusses role of D.P.M., need for this profession, and
education that new professional will need.

George D. Peterson, Jr.

PEST MANAGEMENT: CONCEPTS, OBJECTIVES, AND PROBLEMS

Paper No. 2. March 1974. 157 pp

Complex technology required in pest management, ecological approach to crop-pest control, and potential of this concept for agriculture in critical years ahead is described along with problems of initiating and developing into new discipline. Discussion includes mismanagement of pesticides, examples of pest management programs, and role of traditional crop protection disciplines in pest management.

Agricultural and Food
Planning Administration

MANAGEMENT FOR RURAL DEVELOPMENT: REPORT
OF MIDDLE LEVEL MANAGER'S MANAGEMENT SKILLS
WORKSHOP

January 1974. 8 pp

Workshop designed to test curriculum and work with trainers of mid-level managers of agricultural programs to develop long term educational programs for mid-level personnel. Participants included directors of county agricultural extension programs. Subjects included: analyzing task environment; developing annual work plan; staff management; development and supervision; information gathering and feedback; intra and interagency working relationships, financial management, and assessment of progress and results.

Nicolaas Luykx

ORGANIZATION FOR MORE EFFECTIVE LABOR
UTILIZATION IN RURAL EAST PAKISTAN

July 1973. 19 pp. Reprinted from Some Issues Emerging from Recent Breakthroughs in Food Production, K.L. Turk (ed.), Cornell University Press, 1971.

Examines institutional structures and procedures which have purposively contributed to or hold clear promise of contributing to more effective utilization of agricultural labor in province of East Pakistan (now Bangladesh).

APPENDIX G

East-West Food Institute

STAFF

Director

LUYKX, Dr. Nicolaas: An agricultural economist who served on the faculties at Cornell and Michigan State Universities before joining the Center in 1970. Has done field research on agricultural and rural development institutions in Philippines, Thailand and Vietnam. Was Senior Advisor to the Academy for Rural Development in Comilla, East Pakistan (now Bangladesh), 1966-68. Serves on Agricultural Development Council (A/D/C) as Trustee, holds joint appointment as professor in UH Department of Agricultural and Resource Economics.

Research Associates

AHMED, Dr. Saleem: A soil scientist with extensive experience at a leading agricultural chemical firm where his work included agronomic trials, extension training and marketing. Born in Pakistan, is primarily responsible for Institute's activities of Agro-Economic Management. Earned Ph.D. at University of Hawaii while on East-West Center grant.

GREEN, Dr. Donald G.: Has 20 years experience in continuing adult education supportive of agricultural development. Received education at Iowa State and Cornell Universities; before joining the Institute staff in 1971, was associated with Stanford University in southern Philippines for three years, with the Agricultural Development Council in the United States for three years, with the Ford Foundation in India for four years, and with UNDP and FAO as a consultant to Jordan. Is primarily responsible for Institute's professional development activities with special emphasis on public program management.

MOTOOKA, Dr. Philip S.: A weed scientist primarily responsible for Institute programs dealing with Systems of Crop Protection. Born in Hawaii, has done agronomic research in Hawaii, Peru and North Carolina, earning Ph.D. in 1972 at North Carolina State University.

PHILLIPS, Dr. Allan L.: An agricultural engineer primarily responsible for cooperative undertakings in research, education and training that focusing on management of irrigation water in intensive agricultural projects. Received Ph.D. in engineering from University of California at Davis in 1967, then spent three and a half years at University of Puerto Rico, one year under UNESCO sponsorship at University of Nairobi in Kenya. Spent an additional 18 months as UNESCO agricultural engineer at Central Luzon State University, the Philippines.

STAUB, Dr. William J.: An agricultural economist with Economic Research Service, USDA before joining Institute staff in 1972. Also holds joint faculty appointment as associate professor, UH Department of Agriculture and Resource Economics Working on educational, training and research programs in Water Management for Irrigated Agriculture.

Student Program Officer

TRUE, Ramon: Primarily responsible for cooperative degree study program. Educational background is in mechanized agriculture and education at California State Polytechnic College. Also has a counselling credential. As a Peace Corps volunteer, served as agricultural rural development consultant in Ethiopia and Nigeria.

Administrative Officer

IKEDA, Jared S.: Formerly with UH Department of Electrical Engineering as finance officer for ALOHA System, a federally-funded research project.

Administrative Assistant

LEE KAI, Fannie: Was senior administrative assistant in former Institute for Technical Interchange, East-West Center.

Resource Materials Specialist

HONG, Rita: In charge of specialized documentary collection for use of staff and participants. Attended University of Hawaii, and was with East-West Center Library (now Asia Collection on University campus) for 10 years prior to joining Institute.

APPENDIX H

East-West Food Institute

RESOURCE MATERIALS COLLECTION

The Resource Materials Collection of the Food Institute primarily serves the Institute's staff and participants in their research, educational and professional development activities.

Acquisitions of materials are based on task force themes and the geographical areas concerned. The Institute continues to rely on the libraries of the University of Hawaii for most of the basic reference materials.

Toward the end of fiscal 1974, the Collection contained approximately 1,177 cataloged books and monographs, 96 serial titles, and 1,500 non-book or ephemeral materials arranged by country or subdivision interests.

Duplicates, outdated materials and back issues of periodicals on file at libraries of the University of Hawaii are purged periodically from the Collection's limited shelf-space.

EAST-WEST POPULATION INSTITUTE

Through its activities, the East-West Population Institute seeks to contribute to the understanding and solution of population problems affecting the societies of Asia, the Pacific and the U.S.

Program participation is subdivided into four mutually related problem areas, or subdivisions--Population Processes and Structure, Causes of Demographic Behavior, Effects of Demographic Behavior, and Population Policy and Programs. During FY 74 the Institute conducted nearly 70 activities involving research, graduate study, professional development, institutional cooperation, or a combination of these elements.

Fifty-two graduate students enrolled in 12 academic disciplines at the UH under Institute scholarships, representing 16 countries. Of these students, 17 were new students; 18 completed their degrees. In addition to formal university course work, students were involved in various kinds of Institute program activity, and 21 did curriculum related field education study. (See Appendix E.)

One joint doctoral intern in anthropology (a doctoral candidate from another institution doing dissertation research in an area related to Institute programs) is conducting research on migration and trading networks in New Guinea.

The Institute staff also contributes substantially to the UH graduate program in population. The Institute was instrumental in the creation of the interdisciplinary Population Studies Program and continues to support it through the Center's scholarship program and the arrangement of joint appointments between the Institute and the University. Institute staff member Peter Pirie is director of the Population Studies Program.

The Institute offered programmatic support to 14 UH graduate students interested in population--but not funded by the East-West Center. These students worked with staff and participants in Institute activities, and used Institute research facilities.

A dramatic increase in the number of research interns marked a change in emphasis in this professional development activity, growing out of a large cooperative effort to build *institutional capabilities in the population field*. Twelve research interns participated in this effort to substantially strengthen the six Asian institutions they represent in areas of data gathering and processing, evaluation and analysis.

Another 284 persons from Asia, the Pacific and the U.S. participated in Institute programs through 15 professional development activities, including the Fourth and Fifth Summer Seminars and the third annual Census Workshop Conference. (See Appendix C.) Seven Fellows joined Institute staff as an integral part of its research effort. (See Appendix B.)

Substantial support for the Institute's program comes from the U.S. Agency for International Development, through a general grant, and from other sources mentioned in this report. The program descriptions which follow reflect the intercultural, interdisciplinary and international activities of the Institute in FY 74.

POPULATION PROCESSES AND STRUCTURE

A primary Institute interest centers on the core issues of demography: levels and trends of population growth, fertility, mortality and migration, and composition and geographic distribution of population. Despite progress in recent decades, demographic data in many Asian and Pacific countries remain inadequate. Institute efforts in this field have two objectives: first, more efficient utilization of existing bodies of data--censuses, vital statistics, surveys, and field studies--through the design and application of improved methods of demographic estimation and analysis; second, generation of new information by improving existing statistical tools and developing new sources of demographic data. These activities are usually undertaken in cooperation with statistical agencies and other research organizations.

DEMOGRAPHIC TRANSITION RESEARCH

A major goal of Institute research has been to understand the mechanisms by which modernizing societies complete the transition from high to low mortality and fertility. Since World War II public health programs, the Green Revolution, and improvements in living conditions of many less-developed countries have started the process of demographic transition by drastically lowering mortality, but continued high fertility has resulted in unprecedentedly rapid population growth. Because such growth retards economic and social development, many governments are actively seeking ways of bringing fertility into balance with mortality. During FY 74 the Institute was engaged in six research activities bearing on the demographic transition, with emphasis on countries in Asia.

ACTIVITY 1: Demographic Research in Japan: 1955-70: A survey was made of demographic research activities carried out in Japan during the postwar shift from high to low fertility. Coordinated by Y. Scott Matsumoto, the survey examined the work of Japanese researchers and research institutions. A selected bibliography of demographic studies was compiled, including fertility, mortality, population and the economy, historical demography, and population projections. The activity entailed literature search and field investigations in Japan, writing up the findings, and publication of "Demographic Research in Japan, 1955-70: A Survey and Selected Bibliography" (Institute Paper no. 30).

Cooperating Institutions: Japan Institute of Population Problems (IPP) and Japan Society for the Promotion of Science.

Others Involved: Drs. Toshio Kuroda and Kazumasa Kobayashi of IPP assisted Matsumoto in the collection of data; Keiko Ujiie, a former Institute professional development intern, helped to compile the bibliography.

ACTIVITY 2: The Demographic Situation in Malaysia: James A. Palmore is coordinating this analysis of data from the 1970 census of Malaysia. The study focuses on assessing trends in population growth and migration, with concurrent interest in fertility, mortality and migration differentials by community group, urban-rural residence, and related variables. Palmore and coinvestigators, Ramesh Chander and Dorothy Z. Fernandez of the Malaysian Department of Statistics, have prepared a manuscript, "The Demographic Situation in Malaysia," to appear as a chapter in a forthcoming volume on the population of Asia.

Cooperating Institutions: Malaysian Department of Statistics (DOS).

Others Involved: Ramesh Chander, Chief Statistician and Census Commissioner, and Dorothy Z. Fernandez, Senior Statistician and Deputy Census Commissioner.

ACTIVITY 3: The Demographic Situation in Thailand: Fred Arnold and Robert Retherford are analyzing trends in fertility, mortality and migration in Thailand, using primarily census and survey data. This study focuses on past trends, current levels

and future projections of the components of population growth in urban and rural areas of Thailand. In April, the investigators conferred with researchers at the Population Council on the design of the study. Source materials have been collected and a paper is currently in preparation.

Cooperating Institution: National Statistical Office, Thailand.

Others Involved: Anuri Wanglee, Director of Population Survey Division, National Statistical Office, co-investigator and co-author.

ACTIVITY 4: Demographic Transition in Asia: A planning meeting was held in March 1974, at the East-West Center for the international conference on "Fertility Transitions in Asia: Populations of the Sino-Cultural Tradition" scheduled for May 1975 in Kyoto. Y. Scott Matsumoto and Dr. Shinichi Ichimura, director of the Center for Southeast Asian Studies, Kyoto University, are coordinators of the conference.

Cooperating Institutions: Center for Southeast Asian Studies, Kyoto University; Institute of Public Health, Tokyo; and Japan Society for the Promotion of Science.

Staff Involved: Lee-Jay Cho; Chai Bin Park; Robert Retherford.

Others Involved: Dr. Minoru Muramatsu, Japan Institute of Public Health, will assist the coordinators with planning and preparation.

ACTIVITY 5: Demographic Trends and Social Change: Korea: Lee-Jay Cho is coordinating an analysis of recent demographic trends in the Republic of Korea, using 1970 Korean census and other survey data. Estimates of fertility and mortality rates have been made for minor geographical areas, and results are being prepared for publication. Small-area statistics on socioeconomic characteristics and family planning acceptance will be used to assess the role of the national family planning program in the recent decline of birth rates. Thirteen areas have been selected for a preliminary study. Minja Choe handled computer programming.

Cooperating Institutions: Korean Bureau of Statistics and Korean Institute for Family Planning, Seoul; Population Council, New York.

ACTIVITY 6: Transition of Family Building in Korea: This study uses census data on "number of children ever born" to analyze changes in family-building patterns of Korean women, by various characteristics of women. Chai Bin Park is cooperating on the research with the Bureau of Statistics, Korean Economic Planning Board. During FY 74, special tabulations based on a one percent sample tape of the 1966 Korean census were constructed to assess the effect of the national family planning program on family-building patterns. Findings were reported at the Conference on Population Growth and Societal Impact, sponsored by the International Liaison Committee for Research on Korea (ILCORK), in Pusan, February 1974.

Cooperating Institutions: Bureau of Statistics; Korean Economic Planning Board; ILCORK.

PACIFIC ISLAND DEMOGRAPHY

One research area of interest to the Institute is the Pacific Basin, of which Hawaii is a part. Efforts have been made to collect data about population growth, fertility, mortality and migration in the Pacific and to develop and refine techniques for analyzing these data. In addition, ethnographic data from Pacific Island groups are being used to study social determinants of demographic processes. Seventeen Pacific Island governments are cooperating in various aspects of the project.

ACTIVITY 1: Demographic Analysis of Ethnographic Data: An extension of work begun by Griffith Feeney (during participation in an Institute-sponsored conference on Pacific

Atoll Populations in December 1972) to determine the usefulness of genealogical inquiry as a method of measuring population change. Techniques of analysis are being developed in conjunction with a case study of genealogical population data collected by former Institute Fellow Vern Carroll for Nukunono, in the Eastern Caroline Islands.

Resulting output to date: a paper entitled "Nukunono Birth Rates, Death Rates, and Expectation of Life," presented at the annual meeting of the Population Association of America, April 1974, to appear as an appendix in "Pacific Atoll Populations," edited by Vern Carroll (University Press of Hawaii, forthcoming); a paper "On the Oldest Person in a Stationary Population;" a series of time-sharing computer programs for computation of the Coale-Demeny model life tables; a conversational, time-sharing computer program for numerical minimization by a simplex method; and a paper entitled "An Analytical Model for Infant and Child Mortality," for journal publication. Three additional papers are in progress.

Others Involved: Prof. Vern Carroll, Department of Anthropology, University of Michigan.

ACTIVITY 2: Demographic Approaches to Social Behavior in Rotuma, Fiji: Using record linkage, Alan Howard and Griffith Feeney assembled detailed demographic and socioeconomic information covering more than 50 years; the data are used in conjunction with mathematical decision models to study causes of such demographic behavior as marriage, fertility, child-spacing, divorce and remarriage, residential mobility, and mortality. During FY 74, coded data were prepared for computer programming and preliminary drafts of pertinent historical data were written. The project is expected to continue throughout FY 75.

ACTIVITY 3: The Demographic Situation in the State of Hawaii: Coordinated by Robert Gardner and Eleanor Nordyke, a continuing study of the demography of Hawaii investigated trends and levels of population growth, nuptiality, fertility, mortality and migration in the state since 1900. Six projections about the civilian population were made, based on varying demographic assumptions. Results were reported as Institute Paper no. 31.

Others Involved: Dr. Thomas A. Burch, George Tokuyama and Marie Viele of the Research and Statistics Office, State Department of Health, and Robert C. Schmitt, State Statistician.

ACTIVITY 4: The Hawaiian-American Family: Structure and Process: Alan and Kajorn Howard analyzed data collected by an interdisciplinary team of social scientists in a Hawaiian homestead community over a three-year period. A book by Alan Howard detailing the results of the study is to be published under the title "Ain't No Big Thing" in late 1974, by the University Press of Hawaii (330 pp.).

Cooperating Institution: Bishop Museum, Hawaii.

ACTIVITY 5: Pacific Atoll Populations Research: A Conference on Pacific Atoll Populations sponsored by the Institute in December 1972, led to the preparation of a book, "Pacific Atoll Populations" (University Press of Hawaii) the third in a series of monographs of the Association of Social Anthropology in Oceania. Edited by former Institute Fellow Vern Carroll and containing chapters by seven other conference participants, the book examines demographic characteristics of selected Pacific atolls, using relevant ethnographic field data, and analyzes distinctive features of small and isolated populations. Preparation and editing of the manuscript were completed in late summer 1973.

ACTIVITY 6: Population Growth Rates in the Pacific: Peter Pirie is investigating the determinants of past and present growth rates for islands of the South Pacific, with particular reference to the introduction and distribution of diseases, changing customs (including attitudes toward fertility and family size), migration, control of mortality, and ecological relationships affecting growth. During FY 74, a paper, "The Demographic Situation in the Pacific Islands," was revised for publication. Interest in a previously published paper, "The Effects of Treponematoses and

Gonorrhoea on the Populations of the Pacific Islands," has continued to generate scholarly exchange, particularly among anthropologists working in the Pacific, and has resulted in Dr. Pirie's collaboration with Institute degree student Paul Wright on a similar study of Blacks in America from 1880 to 1950.

Cooperating Institution: South Pacific Commission (SPC).

Others Involved: Drs. Ko Groenewegen, SPC demographer, co-author of this paper.

ACTIVITY 7: Training Course in Pacific Island Statistics: Peter Pirie was co-director of the East-West Center--South Pacific Commission training course on vital statistics held in Suva, Fiji, in July 1973. Objective of this annual professional development activity is to provide senior local officers working in relevant fields in the South Pacific area with training in methods of collecting, processing, tabulating and evaluating statistics of vital events. The practical use of vital statistics for planning and decision making is also emphasized. The course was attended by 12 participants from seven Pacific countries.

Cooperating Institution: South Pacific Commission (SPC).

Others Involved: Drs. Ko Groenewegen, SPC demographer, co-director of the course; and Griffith Feeney.

THE POPULATION CENSUS

The purpose of this project is to improve collection, presentation and utilization of census data in Asia, the Pacific and the U.S. Special emphasis is placed on using census data for the analysis of demographic phenomena. As one of the most important tools of demography, censuses not only provide direct information about such processes as population growth, fertility, mortality and migration, but are also used to verify the accuracy of vital registration systems and develop indirect measures of demographic events.

ACTIVITY 1: Age-Parity-Specific Birth Rates from Census Data on Own Children: A methodological extension of Cho's earlier work on deriving age-specific birth rates from census or survey data on own children provides rates that are specific for parity (number of children ever born) as well as for age. The rates obtained are used to investigate effects of women's changing parity on the crude birth rate and on other summary fertility measures in the U.S. and several Asian countries. Robert Retherford and Lee-Jay Cho presented an initial paper on methodology, with illustrative results for Korea, at the annual meeting of the Population Association of America held in New York in April. The paper is currently being revised for journal publication.

Cooperating Institutions: Bureau of Statistics, Korea.

ACTIVITY 2: Census Measurement of Socioeconomic Status: To assess the effects of socioeconomic status on such demographic variables as fertility, it is necessary to measure socioeconomic status itself. Acting on recommendations of the Third and Fourth Population Census Tabulation Workshops, James Palmore is undertaking an assessment of current measurement techniques and investigating new methods. During early 1974, plans were made for a workshop on this topic to be held in December. Anticipated outcome from that conference include specific proposals for improving census measures of socioeconomic status.

ACTIVITY 3: Design, Tabulation and Analysis of 1974 Census of American Samoa: Peter Pirie is coordinating preparations for the census of American Samoa, to be taken in September 1974. Purpose of the census is to gather demographic data needed to facilitate educational and public health planning. During the year the following preliminary steps were taken: enumerators' schedules were designed and a sample instruction booklet for enumerators was written; computer editing procedures for raw data were developed; a tentative list of tabulations was devised; during a consulting visit to American Samoa, Pirie furnished information about mapping procedures and ways of obtaining and training enumerators.

Cooperating Institution: Government of American Samoa.

ACTIVITY 4: Evaluation and Utilization of Thailand's 1970 Census: This activity has a dual purpose: (1) to assess the quality of data collected in the 1970 Census of Population and Housing and identify sources of errors in the census results; and (2) to produce reports from sample census tapes on the topics of migration, economic activity, family structure, fertility and general characteristics of the population. The reports will be prepared at the National Statistical Office in Bangkok with participation of Fred Arnold, who began serving as visiting resident demographer there in June 1974. Lee-Jay Cho and James Palmore acted as consultants.

Cooperating Institution: National Statistical Office (NSO), Bangkok.

Others Involved: Anuri Wanglee, Director of Population Survey Division, NSO, co-investigator; Lee-Jay Cho and James Palmore, consultants.

ACTIVITY 5: Evaluation of 1970 Korean Census of Population: Part of a general program of developing methods of census evaluation, this study explores both an improved technique for measuring census error by means of postenumeration surveys and the integration of dual estimation methods with demographic analysis. The use of the postenumeration survey (PES) results, in combination with methods of demographic analysis, will improve estimates of the 1970 Korean population and population growth between 1966 and 1970. Matching the PES information with the census has been completed and detailed tabulations are being planned for the final analysis. The study not only contributes to the general methodology of census evaluation, but also to the professional development of Korean demographers conducting and analyzing the population census. Coordinated by Lee-Jay Cho, the activity is funded by the U.S. Department of Commerce.

Others Involved: Dr. Eli S. Marks, U.S. Bureau of Census; Jae-Young Park, Korean Bureau of Statistics.

ACTIVITY 6: New Census Measurements of Labor Force Participation: Preliminary investigation for a study of labor force participation in Southeast Asia, begun by Fellow Monica Fong during the spring of FY 74. The study concerns new measurements of work and new methods of data analysis.

Cooperating Institutions: Informal cooperation is in exploratory stages with Population Research Center, University of Chicago, and census taking agencies of Southeast Asian countries.

Staff Involved: Lee-Jay Cho and James Palmore.

Others Involved: Prof. Philip Hauser, University of Chicago.

ACTIVITY 7: Population Census Conference: As part of a larger ongoing activity, census officials and academic researchers from Asia, the Pacific and the U.S. met for the third time to discuss postcensal considerations and share technical information about the measurement, use and dissemination of census data. Participation was expanded this year to include representatives from Australia, India, Singapore and Sri Lanka. "Proceedings of 3rd Population Census Tabulation Workshop-Conference: Postcensal Considerations" were published in April 1974 (52 pp). At the recommendation of conference participants, the Institute plans to begin publishing a quarterly "Asian and Pacific Census Newsletter" early in FY 75.

Cooperating Institutions: Statistical and census agencies of the following countries: Australia, Bangladesh, Canada, Rep. of China, Hong Kong, India, Indonesia, Japan, Rep. of Korea, Malaysia, Pakistan, the Philippines, Singapore, Sri Lanka, Thailand, U.S.; U.S. Agency for International Development; Institute for Social Research, Florida State University; Hawaii Department of Planning and Economic Development; Department of Sociology, University of Chicago.

Staff Involved: Lee-Jay Cho and Susan Palmore, coordinators.

Institute Discussants: Fred Arnold, Griffith Feeney, Robert Gardner, Elizabeth Gould, James Palmore, Robert Retherford and Sandra Ward.

Fellows Involved: Monica Fong.

ACTIVITY 8: Recent Population Growth in Indonesia: The major objective of this activity is to determine recent demographic trends of Indonesia and its provinces and smaller areas. Under the direction of Lee-Jay Cho and Geoffrey McNicoll, data from the 1971 Census of Indonesia are being compiled, tabulated and analyzed. Refined measurements of fertility, mortality and population growth, produced for the first time in FY 74, will assist the Indonesian government in formulating developmental plans and establishing family planning targets. A demographic fact book to be published by the Indonesian Central Bureau of Statistics will include estimates of fertility and mortality derived from the study. Cho and McNicoll are also preparing a monograph, "Recent Growth of the Indonesian Population," for publication in the U.S. Ann Midkiff provided computer programming.

Cooperating Institutions: The Indonesian Central Bureau of Statistics (CBS) and the Ford Foundation are sponsors of the activity.

Others Involved: Sam Suharto, director of the Data Processing Center, CBS, and Si Gde Made Mamas, chief of the Population Division, CBS.

ACTIVITY 9: Reconstruction of Age Composition: India, 1881-1961: During FY 74, S.B. Mukherjee, economist regional planner, Calcutta Metropolitan Planning Circle, revised a manuscript he produced on Indian age composition while an Institute Fellow in 1970-72. Applying stable population theory to an analysis of Indian census data for the period 1881-1961, Mukherjee found that India's age structure has remained remarkably stable despite a population increase of 130 percent. The Institute plans to issue the study as an occasional publication.

ACTIVITY 10: Regression Estimates of Fertility from Census Data: A continuation of the development of the Bogue-Palmore regression techniques for measuring fertility, this activity has three objectives: to revise the regression equations using 1965-74 census data; to prepare new fertility estimates for every major nation; and to evaluate the regression techniques in comparison with other techniques for estimating fertility. James Palmore and Fellow Monica Fong are collaborating with Prof. Donald Bogue of the University of Chicago.

ACTIVITY 11: Tabulation and Analysis of the 1971 Census of Western Samoa: During FY 74, tabulations of the 1971 Census of Population and Housing of Western Samoa were completed. The activity entailed preparing census data in computer-readable form, checking data for consistency, making corrections and imputations, and producing tabulations for the census report. Minja Choe was principal analyst.

Cooperating Institution: The activity was carried out under a contract with the Government of Western Samoa.

ACTIVITY 12: Tabulation and Analysis of 1973 Census of the Trust Territory of the Pacific Islands: The Institute is tabulating the 1973 Census of the Trust Territory (TTPI) under a contract with the Office of High Commissioner, TTPI. Coordinated by Minja Choe, the activity includes translating census data into a computer-readable form, checking consistency of data, making corrections and imputations, producing tabulations for publication, and providing consultation on analysis. The computer program CENTS, developed at the U.S. Bureau of the Census, was used extensively for data tabulations. The activity is expected to be completed early in FY 75.

Cooperating Institution: Office of High Commissioner, TTPI.

CAUSES OF DEMOGRAPHIC BEHAVIOR

In addition to the information supplied by descriptive demography, a full understanding of population processes and structure requires knowledge of the underlying causes. Institute research focuses on the microdemographic processes in which individual choices play an important role, notably on decisions about fertility, nuptiality and migration. Of particular interest are the determinants of these decisions, especially aspects of the economic, social, cultural and physical environment as mediated through individual values, attitudes and perceptions.

FERTILITY

The dynamic component of population growth today is fertility, rather than mortality. It is a complex phenomenon, involving human biology, social and legal arrangements, psychological needs and economic considerations. The determinants of fertility behavior are still inadequately understood, despite intensive efforts by researchers in the social and biomedical sciences during recent years. This project concentrates on refining measures of fertility and analyzing demographic, social and economic influences on fertility.

ACTIVITY 1: Comparative Fertility Studies: James Palmore is participating in an international endeavor to improve and evaluate research methods used in studies of comparative fertility. This cooperative project began under the auspices of the International Union for the Scientific Study of Population (IUSSP) Subcommittee on Comparative Fertility Analysis, of which Prof. Ronald Freedman (University of Michigan) was chairman. For most of the comparative analysis, participants use already collected survey data and prepare tabulations in a manner jointly agreed upon. During FY 74, plans were made for a workshop to be held in FY 75 to discuss the measurement of ideal family size and sex preferences of childbearing couples.

Cooperating Institution: IUSSP.

ACTIVITY 2: Cooperation with World Fertility Survey: During FY 74, Institute Fellow Norman Ryder, James Palmore, and Griffith Feeney served in various consulting capacities to the World Fertility Survey (WFS). Ryder participated in the questionnaire design and planning for tabulations, among other activities. Feeney and Palmore visited Fiji for on-site consultations about the 1974 Fiji Fertility Survey, the first in the WFS series.

Cooperating Institution: WFS London.

ACTIVITY 3: Family Size and Male Preference: Chai Bin Park has taken initial steps to ascertain whether the reproductive behavior of Koreans is related to their strong preference for male births. Data from a survey by the Korean Institute for Research in the Behavioral Sciences (KIRBS) on Korean family life are being studied for this purpose. The association between number and order of male births, on one hand, and subsequent birth intervals, on the other, is being investigated. The activity may develop into a joint research project with Seoul National University and Yonsei University, Seoul.

Cooperating Institutions: Korean Institute for Research in the Behavioral Sciences, Seoul National University; Yonsei University.

ACTIVITY 4: Female Labor Force Participation and Fertility: New concepts and measures of labor force participation are being used to delineate the relationship between female labor force participation and fertility in developing countries. The findings are expected to have policy implications for both employment and population growth.

Cooperating Institutions: The Population Research Center, University of Chicago.

Fellows Involved: Monica Fong, principal investigator.

Staff Involved: James Palmore; Lee-Jay Cho.

Others Involved: Prof. Philip Hauser of the University of Chicago.

ACTIVITY 5: Fertility in China, 1950-70: An examination of the causes of the fertility decline in the People's Republic of China during the past two decades. The study, by Dennis Chao, evaluates the individual effect on the fertility rate of the social structure (changes in the family system, traditional values, social norms, women's roles); of the economic system (production units, consumption pattern and restrictions, personal income, costs of raising children); of governmental policies on population size, family planning and marriage; and of the practice of family planning and contraception. An effort will be made to determine in what ways these factors reinforce or offset each other.

ACTIVITY 6: Fertility Study of American Women: Chai Bin Park is conducting this research along two separate lines. One is a period fertility study covering the U.S. as a whole for 1935-68 that seeks to estimate the probability that a woman of a given age and parity will eventually bear a given additional number of children in her lifetime. A manuscript documenting the results of the study is being circulated among colleagues for comments. The second part of the activity is a birth interval study, using the 1968 birth registration data from the State of Hawaii, both by characteristics of parents and by those of the child. Tabulations of these data are now available.

Cooperating Institutions: Department of Health, State of Hawaii; Research Council, UH.

ACTIVITY 7: Mobility and Fertility Research in Southeast Asia: During FY 74 an investigation was begun of the processes underlying the shift from a commitment to the traditional rural life-style in Thailand, the Philippines and Indonesia, which is supportive of high fertility levels, to a more modern urban life-style, with its tendency to limit family size. The goal is to identify key decision-making points in individual and family cycles and to assess the likely impact of alternate decisions on opportunity structure, value components, and the probability of altering life-styles in one direction or the other (traditional or modern-urban). The ultimate intention is to develop a path model that will suggest ways of optimizing resource allocation for slowing population growth in Thailand by specifying decision points where maximum influence can be exerted on choices affecting family planning decisions.

Cooperating Institutions: National Institute of Development Administration (NIDA) and appropriate regional institutes in Thailand.

Staff Involved: Alan Howard, principal investigator; Kajorn Howard, co-investigator.

Other Co-investigators: Snit Smuckarn, anthropologist, NIDA, Thailand; Jacob Bilmes, Department of Anthropology, UH; and Robert Hackengerg and Beverly Hackenberg, Institute of Behavioral Science, University of Colorado.

ACTIVITY 8: Recent Fertility Trends in East Asia: An analysis of three components of change in the crude birth rates of selected East Asian countries between 1960 and 1970: changes in age structure, changes in proportion of married women in each age group, and changes in age-specific marital fertility. For some countries the analysis relies heavily on census-derived measures of fertility using the own-children method. Lee-Jay Cho and Robert Retherford presented a paper at a meeting of the International Union for the Scientific Study of Population (IUSSP) held in Liege, Belgium, in August 1973. A revised and expanded version is currently under preparation for journal publication. Partial support for the activity comes from the Population Council and the U.S. Bureau of the Census.

ACTIVITY 9: Refined Measures of Fertility and Mortality from the 1970-71 Censuses in Pakistan, the Philippines and Thailand: This activity uses census data to produce own-children and related tabulations for estimating recent birth and death rates by a number of respondent characteristics, and for geographic subdivisions. The first stage, already under way, involves development of an own-children computer package for the Philippines. The package design is as general as possible to facilitate adaptation to other countries. Lee-Jay Cho and Robert Retherford are co-investigators.

Cooperating Institutions: Census Office, Pakistan; Bureau of the Census and Statistics, Philippines; National Statistical Office, Thailand. The activity is being funded by the U.S. Bureau of the Census.

Others Involved: Supervising statisticians and programmers from each country.

ACTIVITY 10: Socio-Psycho-Economic Determinants of Fertility: In spite of increasing multidisciplinary approaches to the problem of human fertility, few attempts have been made to develop an integrated theory to adequately explain the effects of psychological, sociological and economic factors on fertility decisions. Dennis Chao is attempting to develop such a framework from the economic theory of household choice by expanding the theory to give explicit scope to the influence of noneconomic variables. A paper was presented at the Western Economic Association Conference, Las Vegas, June 1974, and is currently being revised.

ACTIVITY 11: Timing and Spacing of Births Implied in Birth Probabilities: Robert Retherford and Griffith Feeney have developed a method of determining family formation patterns implicit in a set of age-specific nuptiality rates and age-parity-specific birth probabilities. Retherford presented the methodology and some preliminary findings at a seminar at Harvard University in April 1974. The method should prove a useful additional tool for analyzing the effects on fertility trends of changing timing and spacing patterns. Future plans include utilization of birth probabilities generated from census data on own children for several Asian countries.

MIGRATION AND DISTRIBUTION

Migration and urbanization are major forces of demographic change. As a consequence of industrialization, modern societies have experienced dramatic changes in population distribution. To obtain a fuller understanding of these processes, the Institute has initiated a series of activities related to migration and population distribution that encompass research, graduate study, professional development and institutional cooperation.

ACTIVITY 1: International Migration from the Philippines: In June 1974, the Institute sponsored a conference on this topic to bring together 25 individuals doing research on international migration from the Philippines, particularly to places such as Hawaii, mainland U.S.A., Canada and Guam. Participation from the communities studied was also planned, to the extent feasible. Basic topics of discussion were (1) migration process (e.g., reasons from migration, chain migration), (2) impact of out-migration on communities in the Philippines, and (3) processes of migrant adaptation in new environments. The conference focused on past and current research, with discussion of preliminary papers and workshop sessions on specific topics. Alan Howard coordinated the activity, assisted by Evelyn Hernandez, a UH doctoral candidate in anthropology.

At a second conference, to be held in June 1975, participants will discuss precirculated papers on completed research.

Cooperating Institution: Population Institute, Philippines.

ACTIVITY 2: Population Movement in Nonliterate Societies: An analysis by Murray Chapman of the factors underlying the migration and mobility behavior of nonliterate societies, based particularly upon field data collected between 1965 and 1972 in the

British Solomon Islands. Current emphases are (a) reinterpretation of tribal mobility as a circulation process; (b) methods of aggregating open-ended field data to distinguish between the objectives of a population movement and the reasons for its occurrence at a particular moment; (c) the use of logarithmic azimuthal projections for the graphic analysis of longitudinal mobility records--most effort during the year focused on the latter two. One paper, "Mobility in a Non-Literate Society: Method and Analysis for Two Guadalcanal Communities," is currently in press and the draft of another, on logarithmic transformations of mobility data, has been completed, in association with Karl E. Johansen, New York Department of Transportation, and Everett A. Wingert, UH.

ACTIVITY 3: The Role of Mental Maps in Migration Research: The purpose of this activity is to assess the durability of attitudes of potential migrants toward alternative destinations. A secondary purpose is the evaluation of the East-West Center "experience" upon place perceptions of Center participants. Approximately 130 degree scholars were involved in the early stages of the activity as respondents and data collectors. Coordinators Gary Fuller and Murray Chapman brought the activity to near completion during FY 74. A report on the first phase is to be published in the "International Migration Review" in December.

Cooperating Institutions: Other Institutes of the East-West Center.

MORTALITY

Acceleration of the mortality decline in developing countries over the past half century is the principal cause of the remarkably high population growth rates currently being experienced by those countries. Despite its importance, however, mortality is one of the least studied aspects of demographic change. Most developing countries have incomplete death registration. One component of this project is the estimation of basic mortality measures from incomplete data. Another component analyzes changes in mortality both in the limited framework of medical causes of death and in the broader framework of socioeconomic causes.

ACTIVITY 1: Changing Sex Differential in Mortality: Increases in sex mortality differentials in several developed countries, including the U.S., are analyzed into contributions from underlying mortality changes by age and cause of death. The study, by Robert Retherford, considers not only immediate medical causes but also external causes, such as smoking, which cut across and are felt through the immediate medical causes. A book with a similar title is currently in press and will appear in the University of California's Population Monograph Series through Greenwood Press in January 1975.

Cooperating Institution: The International Population and Urban Research Center, University of California, Berkeley: provided editorial services for book.

ACTIVITY 2: Patterns and Determinants of Mortality in Japan: Robert Gardner has developed a framework of analysis for the determinants of mortality and applied it to data from Japan since 1950. Life tables for each prefecture of Japan were prepared for each census year, and cause-of-death data were utilized in the analysis. Data on many different social factors were examined and analyzed to determine their effects on the patterns of mortality. A paper, "Factors Associated with the Mortality Decline in Japan, 1950-1968," was presented at the annual meeting of the Population Association of America in New York, April 1974, and is being revised for publication.

ACTIVITY 3: Forces Underlying Mortality Transition in Asia: This broadly focused study contains several components: (1) collection of existing life tables and underlying mortality data; (2) construction of an improved set of life tables; (3) calculation of a set of model life tables appropriate to the Asian context; and (4) analysis of mortality trends and differentials by sex, age, medical cause of death, and broader socioeconomic and other external causes. Some preliminary work on life tables has been done. Co-investigators are Robert Retherford, Robert Gardner and Griffith Feeney.

POPULATION SOCIALIZATION

An inquiry into the process through which people acquire population-related attitudes and values. Since population information, education and communication programs rely on many assumptions about previous population socialization processes, an assessment of the validity and reliability of these assumptions is required.

ACTIVITY 1: Population Socialization Research: During 1974, plans were made for a December 1974 Conference on Population Socialization to be coordinated by James Palmore. The conference will review previous research and discuss profitable research directions for cross-national studies on this topic.

VALUE OF CHILDREN

A cross-cultural, cooperative research effort that seeks to provide new kinds of information about the micro-level determinants of childbearing. The project focuses on assessment of the social, economic and psychological satisfactions and costs of children, as perceived by parents. Analysis of the data will provide insights about kinds of social programs and policies likely to be effective for regulating fertility levels in different cultures.

ACTIVITY 1: Value of Children Research--Phase I: The research instrument assesses beliefs about a variety of functions served by children, reflecting a general utilitarian perspective; i.e., children are viewed as the means to achieve certain ends valued by parents. One aim of this project is to determine which people, under what circumstances, give genuine consideration to alternatives to childbearing.

During the first phase, begun in spring 1972, comparable interview data from samples of rural and urban husbands and wives were collected in Taiwan, Japan, Korea, the Philippines, Thailand, and Hawaii under the supervision of national project directors. Tabulations and analysis were completed in FY 74, and a series of reports drafted. James T. Fawcett coordinated the activity, with Fred Arnold co-investigator for the Hawaii study; Betty Jamie Chung, Fellow, had responsibility for comparative analysis of data from all six countries surveyed.

Cooperating Institutions: The Ford Foundation and the International Development Research Centre of Canada provided partial financial support.

Staff Involved: Sonia Albores, Peter Norris, Minja Choe, Ann Midkiff, and Robert Bloeden.

Others Involved: National project directors for the countries of Asia during the first phase: Dr. Rodolfo A. Bulatao, University of the Philippines; Dr. Chalio Buripakdi, Ministry of Education, Thailand; Dr. Toshio Iritani, Tokai University, Japan; Dr. Sung Jin Lee, Korean Institute for Research in the Behavioral Sciences and Seoul National University, Korea; and Dr. Tsong-Shien Wu, National Taiwan University, Taiwan.

ACTIVITY 2: Value of Children Research--Phase II Planning: The second phase of the study will explore in greater detail differences in the value of children among national samples and ethnic and socioeconomic subgroups. Turkey and possibly Indonesia and Singapore will join all but one (Japan) of the original six countries in this phase, which began with a planning workshop held at the Institute in April 1974. In June coordination of the project was assumed by the Asian Committee on Comparative Behavioral Studies in Population, based in Seoul, Korea. The Institute will continue to serve as a cooperating agency for Phase II research in the U.S. and possibly as a base for the comparative analyses. (See list of participants, Appendix C)

Cooperating Institutions: The Ford Foundation and the International Development Research Centre of Canada are continuing to provide financial support.

EFFECTS OF DEMOGRAPHIC BEHAVIOR

The behavior of an individual inevitably affects the well-being of other members of his society. As demographic behavior concerns fundamental facts of life--birth, death, marriage, the family, where people live and how numerous they are--its impact is likely to be important. Some effects are obvious and immediate, hence easily described; others, often more significant, are elusive and subtle.

EFFECTS OF DEMOGRAPHIC BEHAVIOR

Institute interests are directed toward exploring the nature, magnitude and specific incidence of the aggregate effects of individual demographic actions on the whole human environment, ranging from the immediate community to the nation and beyond.

ACTIVITY 1: ILCORK Conference on Population Growth and Societal Impact: This conference, which took place in Pusan in February 1974, brought together 25 scholars from Korea and the U.S. to discuss problems of population growth and their political, social, economic, psychological and educational implications for the Republic of Korea. Co-sponsors were the International Liaison Committee for Research on Korea (ILCORK), the Korean Institute for Research in the Behavioral Sciences (KIRBS), and the East-West Population Institute; Lee-Jay Cho was the conference coordinator.

Cooperating Institutions: Funds for the conference were provided by the U.S. National Institutes of Health, the Asia Foundation, and the sponsoring organizations.

Staff Involved: James Palmore and Chai Bin Park.

Others Involved: Dr. Douglas Yamamura, UH vice chancellor.

ACTIVITY 2: Impact of Industrialization on Fertility in Hong Kong: Major purpose here is to examine the social, psychological and economic effects of industrialization on fertility and contraceptive use. Emphasis is on mothers' perceptions of the costs entailed in having children and the satisfactions provided by children. It is hoped that the data will provide insights about why people have children, as well as basic information about the fertility behavior of women of childbearing age in Hong Kong.

Fellow Involved: Betty Jamie Chung, coordinator.

Others Involved: Dr. C.Y. Choi, Social Research Centre, Chinese University, Hong Kong; K.C. Chan, Hong Kong Family Planning Association.

ACTIVITY 3: The Population-Agricultural Resource System in Western Samoa: Peter Pirie is coordinating the analysis of demographic change in Western Samoa, including changes in population distribution, densities, growth rates, age and sex structure, fertility, mortality, migration, land use, employment and productivity. During the year, processing of the 1971 census was completed; the census tape is now available in the Institute's data bank of Pacific Island censuses.

Cooperating Institutions: Department of Statistics, Government of Western Samoa; Department of Statistics, New Zealand.

ACTIVITY 4: Population and Development: Development of a simulation model representing interactions among population and economic variables in traditional villages now experiencing economic and social change. The purpose was to study the long-term implications of such policies as improved health care, family planning and agricultural modernization. A paper is being revised for publication.

Fellows Involved: Dr. Donella Meadows, developed model.

ACTIVITY 5: Population Resource Systems of Guadalcanal Weather Coast: Undertaken at the request of the administration of the British Solomon Islands Protectorate (BSIP), this activity assesses the extent to which population-resource systems of the Guadalcanal south coast are functional and susceptible to change. Topics investigated during field research in fall 1972 (by a team of seven graduate students, five professional assistants, and about 60 weather coast residents under the direction of Murray Chapman and Peter Pirie) included population structure and relocation, fertility behavior, economic activity, health, child nutrition, education and communications. A collaborative report drafted during FY 74 will be submitted to the BSIP administration by December 1974.

Cooperating Institutions: World Health Organization, Suva; South Pacific Commission, Noumea; Land Resources Team, U.K. Division of Overseas Surveys; Victoria University of Wellington Geography Solomons Project; BSIP, Honiara.

ACTIVITY 6: Social Effects of Population Density: Tokyo: Social and health effects of hyperdensity on people residing in the Tokyo megalopolitan area are being investigated by Y. Scott Matsumoto in cooperation with Japanese researchers in 23 wards of central Tokyo. Topics include characteristics of the population, public health statistics, and social indices of effects of density and crowding (suicide, homicide, juvenile delinquency, crime and divorce). Materials are being gathered from the census and public health publications of Tokyo.

Cooperating Institutions: Department of Human Ecology, School of Health Sciences, Faculty of Medicine, University of Tokyo; Department of Public Health, School of Medicine, Tohoku University; Department of General Planning and Coordination, Tokyo Metropolitan Government.

Others Involved: Dr. Akira Koizumi, Tokyo University; Dr. Tai-ichiro Takemoto, Tohoku University; and Tokue Shibata, Tokyo Metropolitan Government are assisting in data collection.

POPULATION POLICY

The social arrangements within which population processes operate may be far from optimal. If so, members of a society may have a common interest in modifying existing social policies to improve the general welfare. Understanding of the causes and consequences of demographic behavior is thus a precondition for the formulation of rational policies aimed at influencing those causes and consequences.

POLICY EVALUATION AND FORMULATION

Institute efforts in the broad field of population policy have two objectives: to analyze existing policies by which societies attempt to modify demographic behavior and in particular to examine their comparative effectiveness and the reasons for their success or failure; and to develop designs for improving existing policies and for the introduction of new policy instruments offering more efficient ways of achieving the goals of society.

ACTIVITY 1: Economic-Demographic Growth Models: Johannes Overbeek has begun an exploration of the process of economic growth with special emphasis on relationships between population growth and other economic variables. Conventional growth theory neglects the vital factor of population in the process of economic growth. This activity aims at restoring the balance.

ACTIVITY 2: Fertility-Depressing Incentive Programs and Social Legislation: An investigation of incentive programs utilizing taxation and welfare schemes aimed at halting or retarding population growth. The purpose of this continuing study by Johannes Overbeek is to establish a taxonomy of positive and negative incentives with maximum effectiveness in reducing existing fertility levels.

ACTIVITY 3: Hawaii Pregnancy, Birth Control and Abortion Study: Four principal investigators are conducting this study in cooperation with other units of the University of Hawaii and most hospitals in the state. The study utilizes detailed data collected on induced-abortion patients and maternity patients since the recent legalization of abortion. Emphasis is on assessment of social and demographic effects of legalized abortion and on an analysis of the decision-making process concerning sexual intercourse, contraceptive use, planning of pregnancies, and whether to have an abortion or carry a pregnancy to term. Significant support for the project comes from the National Institute of Child Health and Human Development.

During FY 74 several articles were prepared for publication.

Principal Investigators: James Palmore, Patricia Steinhoff, Donald Morisky, Roy Smith, and Ronald Pion.

ACTIVITY 4: International Advisory Committee: The International Advisory Committee of the Institute held its annual meeting March 18-19 at the East-West Center. On the agenda were a report of the acting director, a review of Institute projects and activities, and consideration of the future development of the Institute.

Others Involved: Dr. James Brackett, chief of Analysis and Evaluation Division of the U.S. Agency for International Development, also attended the meeting.

ACTIVITY 5: Population Program Evaluation and Management: Hawaii: A statewide evaluation system aims to provide rapid feedback of data for family planning program use. Several new evaluation methods are being tried to determine success and potential applicability to other locations. During FY 74 quarterly reports were made to the State Department of Health assessing which "target groups" of Hawaii couples were having the most unplanned pregnancies.

Cooperating Institutions: School of Public Health and Department of Sociology, UH; Department of Health, State of Hawaii.

Staff Involved: James Palmore, coordinator.

ACTIVITY 6: Research on Population Theories: The compilation of selected readings in the history of population theory, by Johannes Overbeek. During FY 74 work continued on the selection, editing and annotation of writings by social scientists over the last 170 years. A monograph is in preparation.

ACTIVITY 7: A Socioeconomic Model of Family-Size Decision Making: An elaboration of the economic theory of fertility developed by Becker and others, this study by Dennis Chao had three objectives: (1) to construct a theoretical framework in which the variables of sexual gratification and contraception are incorporated in a meaningful way; (2) to show that contraception is an integral part of the family-size decision-making process along with income, price and taste; (3) to compare the effects of contraception and of income and price on family-size decision-making. Results of the study were presented at the annual meeting of the Population Association of America in New York, April 1974. The paper is currently being revised for publication.

ACTIVITY 8: United Nations Symposium on Population and the Family: In August 1973, a UN Symposium on Population and the Family was held at the East-West Center, which acted as host on behalf of the U.S. Government. The purpose was to facilitate a scholarly inquiry into ways in which the nature and functions of the family are interrelated with demographic, economic and social phenomena in various cultures and among peoples in different stages of economic and social development. Attending the symposium--one of four meetings to precede the World Population Conference of 1974--were scientists from 15 countries.

Cooperating Institutions: United Nations Fund for Population Activities; United States State Department.

Staff Involved: James Palmore, co-director; James T. Fawcett, participant.

POPULATION RESOURCES DEVELOPMENT

A project combining degree study, professional development and institutional cooperation, Population Resources Development consists of a number of Institute activities that foster dissemination and exchange of demographic information. Project elements include publications, specialized training for graduate students and mid-career professionals, arrangements for sharing population materials with other institutions, and the development of techniques in data analysis.

ACTIVITY 1: Cooperation with Institute of Population Studies, Gadjah Mada University: Cooperative work with institutes in Asia is of major interest to the Institute and cooperation with the Institute of Population Studies at Gadjah Mada University (GMU) is comprehensive enough to constitute a special activity. In April 1972 the Institute and GMU jointly sponsored, with Rockefeller Foundation support, a conference on Asian Universities and Population Policy. In January 1973 the rector of GMU and deans comprising his planning committee met in Honolulu and, in consultation with Institute staff, drew up plans for their Institute of Population Studies, which was formally established in April 1973. At the request of GMU, research internships were provided during the reporting period to six members of the faculty for general orientation to population studies and demographic techniques; in addition, the librarian of the GMU Institute of Population Studies was awarded a short-term documentation internship.

ACTIVITY 2: Development of Computer Programs for Population Research: A system of computer programs, based on the UN manual "Methods of Estimating Basic Demographic Measures from Incomplete Data," is in the early stages of development. Special consideration is being given to making the system adaptable to different computer installations including small computers used in Asian countries. The first phase of the activity is due to be completed in FY 76.

Work on refining a computer program to estimate recent fertility rates by means of the "own-children" technique and to develop it into a package program is also in progress. The program will be complemented by another package program that produces an "own-children" matrix from census or survey data. Minja Choe is coordinating this activity with the assistance of Victoria Ho.

Others Involved: Lee-Jay Cho, Robert Retherford, Ann Midkiff and Howard Brunsmann (formerly with U.S. Bureau of the Census) are consultants.

ACTIVITY 3: Population Dynamics Seminar: In August 1973, Robert Gardner coordinated a one-day Population Dynamics Seminar for approximately 35 Asian post-baccalaureate students enrolled in a Pre-University Workshop sponsored by USAID and arranged by the UH Office of Contract Training.

Cooperating Institutions: UH Office of Contract Training; East-West Communication Institute.

ACTIVITY 4: Resource Documentation: In support of its projects, the Institute maintains a Resource Materials Collection consisting of a documentation service and reference sources in the broad field of population, a data bank with emphasis on the results of censuses and surveys in Asia and the Pacific, and in-depth documentation on special demographic subjects. In addition to serving staff members, students and visiting scholars, the collection provides training opportunities for Asian and Pacific librarians seeking additional knowledge of population library techniques. During FY 74 Irawati Singarimbun, librarian of the new Institute of Population Studies at Gadjah Mada University, Indonesia, spent a month at the Institute as a library intern, working under the supervision of Alice Harris.

ACTIVITY 5: Special Publications in Population: In addition to the Papers series, conference proceedings and monographs described elsewhere under appropriate activities, the Publications Office of the Institute issues a variety of special publications, including an annual "Bulletin," "Annual Report," and reprints of articles by Institute staff and fellows that describe completed research activities. A list of

Institute publications issued during FY 74 is found in Appendix F. Institute publication activities are coordinated by Sandra Ward and Elizabeth Gould. A five-member publications committee provides general guidance on policy.

ACTIVITY 6: Summer Seminar in Population: A major Institute activity is the annual Summer Seminar in Population, a five-week program designed to meet identified needs of population specialists in Asia and the Pacific. Main objective of the Fourth and Fifth Summer Seminars (FY 74 and 75) has been to strengthen demographic instruction and research at Asian universities by offering specialized learning opportunities in the population field to university faculty in the social and health sciences. Fifty-five academicians from 13 countries and seven disciplines participated in the Fourth Summer Seminar, held in July-August 1973. Emphasis was on developing instructional aids in population for their university curricula. Proceedings of the Seminar were published by the Institute in September 1973 (60 pp.). The Fifth Summer Seminar, held in June-July 1974 and including 65 Asian and American university faculty in seven fields, offered basic and advanced demographic training, curriculum development, research design and research methods. Both Seminars consisted of formal courses, workshops in special disciplines, and one-week field study in Korea. Lee-Jay Cho and Susan Palmore coordinated the Fourth Summer Seminar; they were joined during the Fifth Summer Seminar by Kajorn Howard.

Cooperating Institution: Korean Institute for Family Planning, Seoul.

Others Involved: Institute staff offered instruction and administrative support to the activity. Guest lecturers at the Fifth Summer Seminar: Fellow Norman Ryder; Prof. William Brass, Department of Medical Statistics and Epidemiology, London School of Hygiene and Tropical Medicine; and Prof. Henry S. Shryock, Jr., Center for Population Research, Georgetown University. Special consultants: Dr. Bom Mo Chung, Dean of the College of Education, Seoul National University; Dr. David Mutchler, USAID, Washington, D.C.; Roy Haas of the Smithsonian Institution.

Support for Institute staff conducting the workshops was provided by the following persons: Dr. Monica Fong, Fellow (sociology workshop); Dr. Jack Bilmes, Department of Anthropology, UH (anthropology workshop); Bruce Currey, Arthur Hampson, John Parsons, and Paul Wright, all Ph.D. candidates in geography, UH (geography workshop).

ACTIVITY 7: Training of Nursing Students in Family Planning: The Institute continued to support operation of the UH Family Planning Clinic by providing the services of the part-time clinic coordinator, Eleanor Nordyke.

Cooperating Institutions: School of Nursing, UH; Palama Clinic of Hawaii Planned Parenthood.

ACTIVITY 8: Training Programs in Computer Use for Population Research: Under the direction of Minja Choe the data processing and computing unit of the Institute initiated a series of workshops on computer use in population research. A two-week workshop on computer applications in population research was held for degree scholars and research staff in January 1974. A smaller workshop for interns from Gadjah Mada University, Indonesia, took place in June. The workshops are being evaluated with a view to developing them into a formal program for degree scholars, interns and staff researchers.

Other Staff Involved: Griffith Feeney.

Others Involved: Doris Tamanaha, UH Department of Information and Computer Sciences.

ACTIVITY 9: Weekly Population Seminars: The Institute sponsors a weekly population seminar series that involves research, professional development and graduate study. During the academic year staff, degree students and distinguished visitors presented reports on research in progress. In FY 74, 28 seminars were held. Dennis Chao coordinated this activity. A list of seminar topics and speakers appear in Appendix I.

APPENDIX A
1974 Program Matrix
East-West Population Institute

Subdivision	Population Processes and Structure	Causes of Demographic Behavior	Effects of Demographic Behavior	Population Policy
Project Activity	<p>Demographic Transition Research</p> <ol style="list-style-type: none"> 1. Demographic research in Japan: 1955-1970 (Matsumoto) 2. The demographic situation in Malaysia (J. Palmore) 3. The demographic situation in Thailand (Arnold and Retherford) 4. Demographic transition in Asia (Matsumoto) 5. Demographic trends and social change: Korea (Cho) 6. Transition of family building in Korea (Park) <p>Pacific Island Demography</p> <ol style="list-style-type: none"> 1. Demographic analysis of ethnographic data (Feeney) 2. Demographic approaches to social behavior: Rotuma (A. Howard and Feeney) 3. The demographic situation in the State of Hawaii (Gardner and Nordyke) 4. The Hawaiian-American family: structure and process (A. Howard and K. Howard) 5. Pacific atoll populations research (Carroll) 6. Population growth rates in the Pacific (Pirie) 7. Training course in Pacific Island statistics (Pirie) <p>The Population Census</p> <ol style="list-style-type: none"> 1. Age-parity-specific birth rates from census data on own children (Retherford and Cho) 2. Census measurement of socioeconomic status (J. Palmore) 3. Design, tabulation, and analysis of the 1974 Census of American Samoa (Pirie and Levin) 4. Evaluation and utilization of Thailand's 1970 census (Arnold) 5. Evaluation of 1970 Korean Census of Population (Cho) 6. New census measurements of labor force participation (Fong) 7. Population census conference (Cho) 8. Recent population growth in Indonesia (McNicol and Cho) 9. Reconstruction of age composition: India, 1881-1961 (Mukherji and Ward) 10. Regression estimates of fertility from census data (J. Palmore) 11. Tabulation and analysis of the 1971 Census of Western Samoa (Choe, Kaya and Tamanaha) 12. Tabulation and analysis of the 1973 Census of the Trust Territory of the Pacific Islands (Choe, Levin) 	<p>Fertility</p> <ol style="list-style-type: none"> 1. Comparative fertility studies (J. Palmore) 2. Cooperation with World Fertility Survey (J. Palmore, Ryder and Feeney) 3. Family size and male preference (Park) 4. Female labor force participation and fertility (Fong) 5. Fertility in China, 1950-70 (Chao) 6. Fertility study of American women (Park) 7. Mobility and fertility research in Southeast Asia (A. Howard and K. Howard) 8. Recent fertility trends in East Asia (Retherford and Cho) 9. Refined measures of fertility and mortality from the 1970-71 censuses in Pakistan, the Philippines, and Thailand (Cho and Retherford) 10. Socio-psycho-economic determinants of fertility (Chao) 11. Timing and spacing of births implied in birth probabilities (Retherford and Feeney) <p>Migration and Distribution</p> <ol style="list-style-type: none"> 1. International migration from the Philippines (A. Howard) 2. Population movement in non-literate societies (Chapman) 3. The role of mental maps in migration research (Fuller and Chapman) <p>Mortality</p> <ol style="list-style-type: none"> 1. The changing sex differential in mortality (Retherford) 2. Patterns and determinants of mortality in Japan (Gardner) 3. Forces underlying mortality transition in Asia (Retherford and Gardner) <p>Population Socialization</p> <ol style="list-style-type: none"> 1. Population socialization research (J. Palmore) <p>Value of Children</p> <ol style="list-style-type: none"> 1. Value of children research - phase I (Fawcett) 2. Value of children research - phase II planning (Fawcett) 	<p>Effects of Demographic Behavior</p> <ol style="list-style-type: none"> 1. ILCORK conference on population growth and societal impact (Cho) 2. Impact of industrialization on fertility in Hong Kong (Chung) 3. The population-agricultural resource system in Western Samoa (Pirie) 4. Population and development (Meadows and Meadows) 5. Population resource systems of the Guadalcanal Weather Coast (Chapman and Pirie) 6. Social effects of population density: Tokyo (Matsumoto) 	<p>Policy Evaluation and Formulation</p> <ol style="list-style-type: none"> 1. Economic-demographic growth models (Overbeek) 2. Fertility-depressing incentive programs and social legislation (Overbeek) 3. Hawaii pregnancy, birth control, and abortion study (J. Palmore) 4. International advisory committee meeting (Cho) 5. Population program evaluation and management: Hawaii (J. Palmore) 6. Research on population theories (Overbeek) 7. A socioeconomic model of family-size decision making (Chao) 8. United Nations symposium on population and the family (Fawcett and J. Palmore) <p>Population Resources Development</p> <ol style="list-style-type: none"> 1. Cooperation with Institute of Population Studies, Gadjah Mada University (Adamson and J. Palmore) 2. Development of computer programs for population research (Choe) 3. Population dynamics seminar (Gardner) 4. Resource documentation (Harris) 5. Special publications in population (Ward) 6. Summer seminar in population (Cho, S. Palmore, and K. Howard) 7. Training of nursing students in family planning (Nordyke) 8. Training programs in the use of the computer for population research (Choe) 9. Weekly population seminars (Chao)
Staff Assigned to Subdivision*	Cho, Palmore, Retherford	Fawcett, Howard, Pirie	Chapman, Matsumoto	Fawcett, Overbeek, Cho J. Palmore, S. Palmore
Fellows Assigned to Subdivision	Carroll, Fong	Chung, Ryder	Chung	
PD Participant**	49	43	27	188
Degree Students***	(52)	(52)	(52)	(52)

* Partial listing. Professional staff participate in projects of several subdivisions.

** Some participants attended more than one professional development activity.

*** Institute had total of 52 degree students, but each received training in all four program subdivisions.

APPENDIX B

East-West Population Institute

FELLOWS

CARROLL, Dr. Vern, Associate Professor of Anthropology,
University of Michigan, Ann Arbor. (6/15/72 - 7/31/73)

Research: Concentrated on study of Pacific atoll populations and development of demographic techniques and theory suitable for analysis of such populations, organized conference on Pacific atoll populations held in Honolulu. Submitted for publication a book on "Pacific Atoll Populations."

RYDER, Dr. Norman B., Professor of Sociology,
Princeton University. (2/1/74 - 6/30/74)

Research: Concentrated on continuing contribution to methodological aspects of world fertility study, and on development of concepts and measures in field of family demography.

CHUNG, Dr. Betty Jamie, former Research Specialist,
Social Research Centre, Chinese University of Hong Kong. (2/1/73 - 6/30/74)

Research: Concentrated on impact of industrialization on fertility in Hong Kong; also worked with co-investigators of Value of Children project, focusing on comparative analysis of data across six countries of study.

DURAND, Dr. John D., Professor of Economics and
Sociology, University of Pennsylvania, Philadelphia.
(1/10/73 - 7/9/73)

Research: Concentrated on study of world population history, with special reference to relationships between population growth and development of economy and civilization. Drafted six of eight chapters of book on subject, titled "The Peopling of the Earth."

FONG, Dr. Monica S. (5/1/74 - 4/30/75)

Research: Examining relationship between female employment and fertility in developing countries, and developing new measurements to assess this relationship.

MEADOWS, Dr. Dennis L., Associate Professor of
Engineering and Business, Thayer School of
Engineering, Dartmouth College. (12/15/73 - 3/14/74)

Research: Concentrated on impact of population growth on economic development.

MEADOWS, Dr. Donella H., Assistant Professor of
Environmental Studies, Thayer School of Engineering,
Dartmouth College. (12/15/73 - 3/14/74)

Research: Concentrated on completing study of traditional and transitional village systems using systems dynamics approach.

APPENDIX C

East-West Population Institute

PROFESSIONAL DEVELOPMENT PARTICIPANTS

Demographic Transition in Asia:
Planning Meeting (March 14-15, 1974)

Participants

ICHIMURA, Dr. Shinichi, Director, Center for Southeast Asian Studies, Kyoto University, Japan.
MURAMATSU, Dr. Minoru, Chief, Department of Public Health Demography, Institute of Public Health, Japan.

Training Course in Pacific Island Statistics,
Suva, Fiji (July 15 - August 4, 1973)

Participants

FAUMUINA, John, Statistical Analyst, Public Health Department, American Samoa.
TORU, Tutai, Clerk, Statistics Office, Cook Islands.
DRODROLAGI, Litia Y., Clerical Officer, Bureau of Statistics, Fiji.
NAGATALEVU, Samuela, Section Officer, Registrar-General's Office, Fiji.
ROKOTUIVUNA, Apisalome, Clerical Officer, Medical Statistics Office, Fiji.
KILA, Geti, Health Extension Officer, Public Health Department, Papua New Guinea.
RAKA, Morea I., Senior Research Officer, Bureau of Statistics, Papua New Guinea.
TELIWA, Fabian, Clerk, Registrar-General's Office, Papua New Guinea.
MOA, Penaia, Health Statistics Clerk, Public Health Department, Tonga.
ABO, Mito, Vital Statistics Technician, Public Health Department, Trust Territory.
LEMUEL, Welson, Vital Statistics Technician, Public Health Department, Trust Territory.

Age-Parity-Specific Birth Rates from Census
Data on Own Children: Census Interns
(June 1 - July 15, 1974)

Participants

TAM, Siu-Ming, Statistician, Census and Statistics Department, Hong Kong.
YUWONO, Systems Analyst, Central Bureau of Statistics, Indonesia.
FRANCO, Emma, Senior Statistician, National Census and Statistics Office, Philippines.
KIM, Nam-II, Senior Statistician, Korean Bureau of Statistics.

Evaluation and Utilization of Thailand's
1970 Census: Research Internships
(August 1, 1973 - January 31, 1974)

Participants

BOONPRATUANG, Supani, Staff Researcher, National Statistical Office, Thailand.
CHALOTHORN, Thip, Staff Researcher, National Statistical Office, Thailand.

Population Census Conference
(March 25 - 30, 1974)

Participants

HART, A.L., Director, Population Census Evaluation and Development, Bureau of Statistics, Australia.
AHMAD, Bahauddin, Census Commissioner, Ministry of Home Affairs, Bangladesh.
MURPHY, Dr. Edmund M., Assistant Director, Research Projects Group, Manpower and Immigration, Canada.
LU, Tun-Yih, Senior Statistician, Directorate General of Budget, Bureau of Statistics, Taiwan.
LEE, Joseph, Census and Statistics Department, Hong Kong.
CHAKRABORTY, K.K., Assistant Registrar General, Office of the Registrar General, Ministry of Home Affairs, India.
ABDULMADJID, Director, Central Bureau of Statistics, Indonesia.
MAMAS, S.G. Made*, Central Bureau of Statistics, Indonesia.
SUHARTO, Dr. Sam, Director, Data Processing Center, Central Bureau of Statistics, Indonesia.
NAGAYAMA, Sadanoni, Chief, Tabulation Division, Bureau of Statistics, Japan.
SAKAI, Todatoshi, Deputy Chief, Population Census Section, Bureau of Statistics, Japan.
KIM, Chon Sil, Deputy Director, Bureau of Statistics, Economic Planning Board, Korea.
KIM, Nam II*, Assistant Chief, Bureau of Statistics, Economic Planning Board, Korea.
PARK, Jay Soo, Specialist, Bureau of Statistics, Economic Planning Board, Korea.
FERNANDEZ, Dorothy Z., Senior Statistician and Deputy Commissioner, Census of Population, Department of Statistics, Malaysia.
KANDIAH, Vasantha K.*, Department of Statistics, Malaysia.
LATIF, Brig. A., Census Commissioner, Census Office, President's Secretariat, Pakistan.
SHEIKH, Mohammad Hafiz, Joint Secretary, Manpower Division, Ministry of Labour and Works, Pakistan.
ABALOS, Lagrimas, Bureau of the Census and Statistics, Philippines.
CHAVES, Hidalgo V., Chief Statistical Coordinator, Bureau of the Census and Statistics, Philippines.
KHOO, Chian Kim, Deputy Chief Statistician, Department of Statistics, Singapore.
NADARAJAH, T., Department of Census and Statistics, Sri Lanka.
KOHKONGKA, Ektritra, Deputy Secretary General, National Statistical Office, Thailand.
WANGLEE, Anuri, Director, National Statistical Office, Thailand.
BAUM, Sam, International Statistical Programs Center, Bureau of the Census, USA.
LAWSON, John, Jr., Demographic and Economic Analysis, AID, USA.

NAM, Dr. Charles, Director, Population and Manpower Research Center, Florida State University, USA.
 SCHMITT, Robert, Hawaii Department of Planning and Economic Development, USA.
 SULLIVAN, Dr. Terry, Department of Sociology, University of Chicago, USA.
 LALOVIC, Miroslav**, Researcher, Demographic Research Center, Institute of Social Sciences, Yugoslavia.

* EWPI Intern

** United Nations Intern

Comparative Fertility Studies: Research Intern (November 15, 1973 - July 13, 1974)

Participant

SUKANIVATT, Salaya, Instructor, Department of Social Sciences and Humanities, Kasetsart University.

International Migration from the Philippines (June 10-14, 1974)

Participants

BUDUHAN, Cleto, Department of Anthropology and Sociology, University of British Columbia, Canada.
 LEWIS, Dr. Henry, Chairman, Department of Anthropology, University of Alberta, Canada.
 CHUNG, Roy, Director, Social Science Institute, University of Guam.
 KASPERBAUER, Dr. Lawrence, Dean, College of Education, University of Guam.
 CORTES, Dr. Josefina, Technical Assistant and Development Project Specialist, National Science Development Board, Philippines.
 FERNANDEZ, Carlos, Institute of Philippine Culture.
 JOCANO, F. Landa, Professor, Department of Anthropology, University of the Philippines.
 PAREL, Dr. Cristina P., Dean and Professor of Statistics, The Statistical Center, University of the Philippines.
 SMITH, Dr. Peter, The Ford Foundation, Philippines.
 ABAD, Ricardo G., Department of Sociology, Fordham University, USA.
 ALCANTARA, Dr. Reuben, UH Department of American Studies, USA.
 ALMIROL, Edwin B., Department of Anthropology, University of Illinois, USA.
 ASPERILLA, Purita F., Assistant Director, School of Nursing, Beth Israel Medical Center, USA.
 BYRNE, Eamonn, Reverend, St. Columban's Foreign Missions Society, USA.
 CARD, Dr. Josefina J., American Institutes for Research, USA.
 CLIFFORD, Dr. Dorita, Department of History, Clarke College, Iowa, USA.
 COLLIER, Dr. Richard, Department of Social Science, Kauai Community College, Hawaii, USA.
 FORMAN, Sheila, Graduate Student, UH Department of Psychology, USA.
 GRIFFITHS, Stephen, Graduate Student, UH Department of Anthropology, USA.
 HERNANDEZ, Evelyn, Graduate Student, UH Department of Anthropology, USA.

JUNASA, Ben, Director, Hawaii State Immigration Services Center, USA.

KEELY, Dr. Charles, Research Associate, Department of Sociology, Brown University, USA.

KOPPEL, Dr. Bruce, Research Associate, Technology and Development Institute, East-West Center.

McARTHUR, Harold, Graduate Student, UH Department of Anthropology, USA.

PONCE, Dr. Danilo E., UH Department of Psychiatry, USA.

REQUIZA, Moreno, Department of Anthropology, Syracuse University, USA.

SAITO, Dr. Shiro, Social Science Bibliographer, UH Hamilton Library, USA.

SANBORN, Dr. Kenneth, Director, UH Institute of Behavioral Sciences, USA.

SHARMA, Dr. Miriam, UH Department of Anthropology, USA.

WHITTAKER, Dr. William, Washington, D.C., USA.

Value of Children Research Phase II Planning: Third Workshop on Assessment of Satisfaction and Costs of Children (April 29 - May 4, 1974)

Participants

DARROCH, Dr. Russell K., Department of Psychology, The Australian National University.
 SIMMONS, Dr. Alan B., International Development Research Center, Canada.
 SUN, Dr. Tom Te-hsiung, Committee on Family Planning, Taiwan Provincial Health Department.
 WU, Dr. Tsong-Shien, Department of Agricultural Extension, National Taiwan University.
 HADITONO, Siti Rahayu*, Faculty of Paedagogy, Gadjah Mada University, Indonesia.
 SINGARIMBUN, Dr. Masri, Director, Institute of Population Studies, Gadjah Mada University, Indonesia.
 LEE, Dr. Sung Jin, Director, Korean Institute for Research in the Behavioral Sciences, Korea.
 BULATAO, Dr. Rodolfo A., Department of Sociology, University of the Philippines.
 BURIPAKDI, Dr. Chalio, Department of Teacher Training, Ministry of Education, Thailand.
 PRACHUABMOH, Dr. Visid, member, National Assembly and Director, Institute of Population Studies, Chulalongkorn University, Thailand.
 KAGITCIBASI, Dr. Cigdem, Department of Economics and Social Sciences, Bogazici University, Turkey.
 HOFFMAN, Dr. Lois W., Department of Population Planning, University of Michigan, USA.

* EWPI Intern

ILCORK Conference on Population Growth and Societal Impact, Pusan, Rep. of Korea (February 21 - 24, 1974)

Participants

KURODA, Dr. Toshio, Chief, Migration Research Division, Ministry of Health and Welfare, Japan.
 AHAN, Dr. Kye-Choon, Department of Sociology, Yonsei University, Korea.
 CHA, Dr. Yoon Keon, Director, Korean Institute for Family Planning, Korea.

CHUNG, Dr. Bom Mo, Dean, College of Education, Seoul National University, Korea.

CHUNG, Dr. Hi-Sup, member, National Assembly and President, Korean Labor Institute, Korea.

CHUNG, Dr. Soo Bong, Vice President, Dong-A University, Korea.

FRENCH, Dr. David J., Representative, United Nations Fund for Population Activities, Korea.

HAHN, Dr. Bae Ho, Department of Political Sciences, Korea University.

HAN, Dr. Ki-Choon, Department of Economics, Yonsei University, Korea.

KIM, Dr. Dae Young, Senior Researcher, Korean Development Institute, Korea.

KIM, Dr. Yong Owan, Deputy Director, Korean Institute for Family Planning, Korea.

LEE, Joo Hyun, General-Secretary, Planned Parenthood Federation of Korea.

LEE, Kyu Shik, Korean Development Institute.

LEE, Sang Joo, Deputy Director, Korean Institute for Research in the Behavioral Sciences, Korea.

LEE, Dr. Sung Jin, Director, Korean Institute for Research in the Behavioral Sciences, Korea.

PARK, Jae-Soo, Bureau of Statistics, Economic Planning Board, Korea.

PARK, Rae Young, Department of Economics, Hong-Ik University, Korea.

WORTH, George, Representative, The Population Council, Korea.

YANG, Dr. Jae-Mo, Dean, College of Medicine, Yonsei University, Korea.

YOON, Dr. Chun Joo, President, Pusan University, Korea.

YOON, Jong-Joo, Department of Sociology, Seoul Women's College, Korea.

YOON, Sung Hee, Chief of Information, Communication and Education, Planned Parenthood Federation of Korea.

BARRINGER, Dr. Herbert, Professor, UH Department of Sociology, USA.

MORRIS, Dr. John, Department of Economics, MIT, USA.

PITTS, Dr. Forrest, Professor, UH Department of Geography, USA.

RO, Dr. Kong-Kyun, Department of Economics, University of Cincinnati, USA.

YAMAMURA, Dr. Douglas, Vice Chancellor for Academic Affairs, University of Hawaii, USA.

International Advisory Committee
Meeting (March 18 - 19, 1974)

Participants

SURJANINGRAT, Dr. Suwardjono, Chairman, National Family Planning Coordinating Board, Indonesia.

ICHIMURA, Dr. Shinichi, Director, The Center for Southeast Asian Studies, Kyoto University, Japan.

CHUNG, Dr. Hi-Sup, Member, National Assembly and President, Korea Labor Institute.

SHEIKH, Mohammad Hafiz, Joint Secretary, Manpower Division, Ministry of Labour and Works, Pakistan.

CONCEPCION, Dr. Mercedes B., Director, Population Institute, Philippines.

PRACHUABMOH, Dr. Visid, member, National Assembly, and Director, Institute of Population Studies, Chulalongkorn University, Thailand.

EASTERLIN, Dr. Richard A., Department of Economics, University of Pennsylvania, USA.

HAUSER, Dr. Philip M., Director, Population Research Center, University of Chicago, USA.

YAMAMURA, Dr. Douglas, Vice Chancellor for Academic Affairs, University of Hawaii, USA.

United Nations Symposium on Population
and the Family (August 6 - 15, 1973)

Participants

ERRAZURIZ, Margarita M., Professor, Department of Sociology, University of Chile.

EL-HAMAMSY, Laila, Director, Social Research Center, American University in Cairo, Egypt.

KULCSAR, Kalman, Director, Research Group in Sociology, Hungarian Academy of Science.

TAN, Mely, Head, Social Sciences Division, National Institute of Economic and Social Research, Indonesia.

FARMAN-FARMAIAN, Sattareh, Director, Teheran School of Social Work, Iran.

MUHSAM, Helmut V., Professor, Department of Demography, The Hebrew University, Israel.

LIVI-BACCI, Massimo, Director, Department of Demography, University of Florence, Italy.

ROBERTS, George W., Professor, Department of Sociology, University of the West Indies, Jamaica.

KOBAYASHI, Kazumasa, Chief, Population Policy Section, Ministry of Health and Welfare, Japan.

OJO, G.J.A., Dean, Faculty of Social Sciences and Head, Department of Geography, University of Ife, Nigeria.

DEL CAMPO, Salustiano, Professor of Sociology, Faculty of Political Sciences and Sociology, Universidad Complutense, Spain.

LAMBO, T.A., Assistant Director-General, World Health Organization, Switzerland.

OVSSENKO, V.E., Professor, Moscow Economics and Statistics Institute, Soviet Union.

THOMPSON, Jean H., Chief Statistician, Population Statistics Division, Office of Population Censuses and Surveys, UK.

CHANDRASEKARAN, C., Chief, Policy and Planning Division, United Nations Fund for Population Activities.

CHULLIKAL, Antonio, Professor, Department of Sociology, Mundelein College, USA.

DAVIS, Judith Blake, Professor, University of California, USA.

MAULDIN, W. Parker, Vice-President, The Population Council, USA.

NAG, Moni, Chief, Social Demography Section and Senior Lecturer of Anthropology, Columbia University, USA.

POLGAR, Steven, Professor, Department of Anthropology, University of North Carolina, USA.

RATINOFF, Luis, Inter-American Development Bank, Washington, D.C., USA.

RYDER, Norman B., Professor, Office of Population Research, Princeton University, USA.

TAEUBER, Irene B., Senior Research Demographer, Office of Population Research, Princeton University, USA.

WESTOFF, Charles, Associate Director, Office of Population Research and Professor of Sociology, Princeton University, USA.

Cooperation with Institute of Population Studies, Gadjah Mada University: Census research internships (April 6 - September 30, 1974)

Participants

HADITONO, Siti, Lecturer in Child and Adolescent Psychology, Faculty of Psychology.
HARDJOSOENARTO, Dr. Soeratman, Lecturer, Faculty of Agriculture.
KASTO, Dr., Lecturer, Faculty of Geography.
SAIRIN, Dr. Sjafri, Lecturer, Department of Anthropology.
SINGARIMBUN, Irawati, Librarian, Institute of Population Studies.
SOEKARTO, Dr. Adi, Lecturer in Physical Anthropology, Faculty of Medicine.
SUWARTINAH, Dr., Lecturer in Demography and Sociology, Faculty of Social and Political Sciences.

Population Dynamics Seminar (July 24 - August 10, 1973)

Participants

LIANG, Shung-lien, Republic of China.
WANG, Pe-te, Republic of China.
MOCHNY, Imam Soedjono, Indonesia.
RAHMANTO, Indonesia.
LUTHFI, Muhammad, Indonesia.
SOENARSO, Parnagadi, Indonesia.
PRAYOON, Arasanam, Thailand.
PRATAN, Anantaburi, Thailand.
RATANAPORN, Chareonpongse, Thailand.
ROONGROTE, Poomriew, Thailand.
SOMCHAI, Sukhontasing, Thailand.
SURACHAI, Sikkhabandit, Thailand.
ONG-ARD, Luangphaitoon, Thailand.
KRIENGSAKDI, Hemindr, Thailand.
VALAIRAT, Boonswasdi, Thailand.
PHOT, Likachula, Thailand.
THIRASAK, Thailand.
DANZIGER, Dr. Sanford, East-West Communication Institute Associate Researcher.
LIM, Dr. Maggie, Associate Professor, UH School of Public Health.

Resource Documentation: Research Intern (April 28 - May 31, 1974)

Participant

SINGARIMBUN, Irawati, Librarian, Institute of Population Studies, Gadjah Mada University, Indonesia.

Fourth Summer Seminar in Population (July 9 - August 11, 1973)

Participants

HSIEH, Dr. Yu-Hui, Lecturer, College of Medicine, National Taiwan University.
HU, Shiou-Kuey, Lecturer, Department of Archeology and Anthropology, National Taiwan University.
HUANG, Nora L.H.C., Instructor, Department of Geography, National Taiwan University.

LEUNG, Pun-Sum Tong, Head and Lecturer, Department of History and Geography, Hong Kong Baptist College.
CHAKRABORTY, Bimal, Senior Lecturer, Demography Research Unit, Indian Statistical Institute.
CHATTERJEE, Atreyi, Lecturer, Department of Economics, Gargi College, India.
PILLAI, Narayana G., Lecturer, Department of Sociology, University of Kerala, India.
FATIMAH, Tengku, Assistant Lecturer, Faculty of Social Sciences, University of Indonesia.
NANGTIK, Dr. Hasjim, Head and Lecturer, Department of Mass Communication, Gadjah Mada University, Indonesia.
NOPIRIN, Lecturer, Faculty of Economics, Gadjah Mada University, Indonesia.
RANGKUTI, Dr. Armijn, Lecturer, Faculty of Economics, Airlangga University, Indonesia.
SOETRISNO, Dr. R., Lecturer, Child Health Department, Gadjah Mada University, Indonesia.
SUDARSONO, Assistant Lecturer, Faculty of Geography, Gadjah Mada University, Indonesia.
SUJONO, Djodjodhardjo, Lecturer and Associate Researcher, Faculty of Social Sciences, University of Indonesia.
TAKEMOTO, Dr. Tai-ichiro, Assistant Professor, School of Health Sciences, University of Tokyo.
CHA, Dr. Jae-Ho, Assistant Professor, Department of Psychology, Seoul National University, Korea.
CHO, Nam Hoon, Senior Researcher and Lecturer, Korean Institute for Family Planning.
KIM, Dr. Byung Soo, Associate Professor, College of Medicine, Pusan National University, Korea.
KIM, Dr. Mo-Im, Assistant Professor, College of Nursing, Yonsei University, Korea.
LEE, Dr. Chan, Professor, Department of Geography, Seoul National University, Korea.
LEE, Sook Im, Assistant Professor, Department of Social Studies, Ewha Women's University, Korea.
PARK, Soon Young, Instructor, Department of Preventive Medicine, Kyung Hee University, Korea.
PARK, Dr. Young Horn, Chairman, Department of Social Psychology, Seoul National University, Korea.
RHEE, Dr. Hong Joon, Instructor, Department of Biostatistics, Catholic Medical College, Korea.
SHIN, Kyu-Sung, Chairman, Department of Economics, Dong-A University, Korea.
ABDULLAH, Hair bin, Assistant Lecturer, Department of Sociology and Anthropology, Universiti Kebangsaan Malaysia.
DORALL, Richard F., Assistant Lecturer, Geography Department, University of Malaya.
SOLOMON, Deva Dassan, Lecturer, Faculty of Economics and Administration, University of Malaya.
YUSOF, Abdul M., Lecturer, Department of Anthropology and Sociology, Universiti Kebangsaan Malaysia.
SAINJU, Dr. Mohan, Consultant and Chief Specialist, Center for Economic Development Administration, Nepal.
SUMAN, Shyamanand Das, Section Officer in Planning, National Planning Secretariat, Nepal.
AHMAD, Dr. Farrukh, Associate Professor and Chairman, Department of Psychology, University of Karachi, Pakistan.
HUSAIN, Dr. Syed Adil, Associate Professor, Department of Political Science, University of Karachi, Pakistan.

ANDRADE, Dr. Teresa M., Program Assistant,
Population Education Program, Department of
Education and Culture, Philippines.

ANGANGCO, Ofelia R., Associate Professor,
Department of Sociology, University of the Philippines.

BARRETTO, Felisa R., Professorial Lecturer,
Department of Economics, Manuel L. Quezon
University, Philippines.

FONTANILLA, Ma Alodia C., Instructor IV, Department
of Health Education, University of the Philippines.

GABRIEL, Dr. Rhodelia L., Assistant Professor,
Counselor, Officer-in-Charge, Department of
Entomology, University of the Philippines.

HERRIN, Dr. Alejandro N., Assistant Professor,
Department of Economics, Xavier University,
Philippines.

RUBIO, Marina P., Assistant Professor in Health
Education, Philippine Normal College.

TABIGNE, Liberty C., Instructor II, Department of
Geology and Geography, University of the Philippines.

TALIBONG, Enriqueta R., Deputy Operations Manager,
Mindanao Center for Population Studies, Xavier
University, Philippines.

VENTURA, Dr. Eva M. Duka, Chairman, Department
of Political Science, University of the Philippines.

BHAVICHITRA, Chamrieng, Head, Department of
Sociology and Anthropology, Thammasat University,
Thailand.

BOON-LONG, Rajnikorn, Associate Professor,
Department of Geography, Chulalongkorn University,
Thailand.

CHANGRIEN, Dr. Phaibul, Senior Lecturer, Local
Government Department, National Institute of
Development Administration, Thailand.

DHAMABUTRA, Chalermisri, Lecturer, Department
of Sociology and Anthropology, Thammasat
University, Thailand.

KIRANANDANA, Thienchay, Lecturer of Economics
and Research Associate, Institute of Population
Studies, Chulalongkorn University, Thailand.

LURCHAN, Kwanchai, Second Grade Official/Instructor,
Faculty of Social Sciences, Chiangmai University,
Thailand.

NAKAVACHARA, Netnapi, Lecturer, Department of
Geography, Chulalongkorn University, Thailand.

PIAMPITI, Suwanlee, Instructor, Department of
Demography, National Institute of Development
Administration, Thailand.

SINGHANETRA, Anchalee, Instructor and Acting
Chairman, Department of Geography, Chiangmai
University, Thailand.

SOPHONBOON, Dr. Prasin, Senior Lecturer and
Director, Program in International Exchange,
Thammasat University, Thailand.

SRIVARDHANA, Ruangdej, Junior Instructor, Faculty
of Economics and Business Administration,
Kasetsart University, Thailand.

HEANEY, William, Preceptor, Department of
Anthropology, Teacher's College, Columbia
University, USA.

HAN, Doan-Trieu, Lecturer, Faculty of Social Sciences,
Van-Hanh University, Vietnam.

Fifth Summer Seminar
(June 17 - July 20, 1974)

Participants

SAIDZADA, Habiba, Head of Health Section,
Curriculum and Textbook Project, Ministry of
Education, Afghanistan.

GHOSH, Dr. Rabindra N., Senior Lecturer,
Department of Economics, University of Western
Australia.

AFSARUDDIN, Mohammad, Associate Professor of
Sociology, Department of Sociology, Dacca
University, Bangladesh.

HONG, Dr. Dun-Mow, Associate Professor,
Department of Economics, National Chung-Hsing
University, Taiwan.

SUN, Guang-ming, Instructor and Researcher,
Department of Sociology, Fu-gen University,
Taiwan.

WANG, Chiu-yuan, Chairman, Department of
Geography, National Taiwan University.

YUAN, Chang-Rue, Instructor, Department of
Ethnology and Sociology, National Cheng-chi
University, Taiwan.

LEUNG, Pun-Sum Tong*, Head and Lecturer,
Department of History and Geography, Hong Kong
Baptist College, Hong Kong.

NG, Norman Y. T., Assistant Lecturer, Department
of Geography, Chinese University of Hong Kong.

NG, Dr. Pedro P. T., Lecturer, Department of
Sociology, Chinese University of Hong Kong.

SEIMS, Sara, Assistant Lecturer, Hong Kong
Baptist College.

TAM, Siu-ming, Statistician, Census and Statistics
Department, Hong Kong.

MAHMOOD, Aslam, Senior Technical Assistant,
Jawaharlal Nehru University, India.

REWAL, Sneh L., Research Associate, Council for
Social Development, India.

SAKSENA, Devendra Narain, Assistant Chief,
Demographic Research Center, Department of
Economics, Lucknow University, India.

SEN GUPTA, Biswatosh, Survey Analyst, Socio-
Economic Circle, India.

DJUHARI, Muhamad, Teaching Assistant, Faculty of
Economics, University of Indonesia.

HADITONO, Siti Rahayu*, Lecturer in Child and
Adolescent Psychology, Faculty of Psychology,
Gadjah Mada University, Indonesia.

HERTONOBROTO, Head of Disciplinary Field of
Biostatistics, School of Medicine, University of
Indonesia.

KASTO, Dr. *, Lecturer, Faculty of Geography,
Gadjah Mada University, Indonesia.

MOELJOHARDJO, Dr. Doeljachman, Instructor,
Department of Public Health, Gadjah Mada
University, Indonesia.

SOEKARTO, Dr. Adi*, Lecturer in Physical
Anthropology, Faculty of Medicine, Gadjah Mada
University, Indonesia.

SUDARSONO, Dr. Sumedi*, Head, Family Planning
Clinic, Department of Public Health, University of
Indonesia.

SUWARTINAH, Dr. Mursalin*, Lecturer in
Demography and Sociology, Faculty of Social and
Political Sciences, Gadjah Mada University,
Indonesia.

- HEMMASI, Dr. Mohammad, Assistant Professor and Chairman, NADE and Social Studies, Pahlavi University, Iran.
- OHTSUKA, Ryutaro, Instructor, Human Ecology Faculty of Medicine, University of Tokyo, Japan.
- SUGITA, Dr. Minoru, Instructor, Department of Preventive Medicine and Public Health, Keio University, Japan.
- CHOI, Yun-Soon, Associate Professor, School of Nursing, Yonsei University, Korea.
- IM, Dong-hyuk, Assistant Professor of Sociology, The Research Center of Population, Dong-A University, Korea.
- IM, Dr. Injae, Assistant Professor, Graduate School of Education, Seoul National University, Korea.
- KWON, Kyu Sik, Associate Professor, College of Liberal Arts and Sciences, Kyungpook National University, Korea.
- MENG, Dr. Kwang-ho, Instructor, Catholic Medical College, Korea.
- PARK, Insook H., Instructor, Department of Sociology and School of Medicine, Ewha Women's University, Korea.
- PARK, Dr. Ki Ha, Chairman, Pusan Branch, Planned Parenthood Federation of Korea.
- PARK, Rae Young, Assistant Professor, Department of Economics, Hong-Ik University, Korea.
- PARK, Dr. Young Horn*, Associate Professor of Social Psychology and Chairman, Department of Educational Psychology, Seoul National University.
- RHEE, Hak Yong, Assistant Professor, School of Business, Yonsei University, Korea.
- KARAM, Shadi A.*, UN Fellow, Harvard School of Public Health, USA.
- DORRALL, Richard F.*, Assistant Lecturer, Department of Geography, University of Malaya.
- LAM, Timothy Thim Fook, Lecturer, Department of Geography, University of Malaya.
- DAHAL, Dilli Ram, Assistant Lecturer, Institute of Nepalese and Asiatic Studies, Tribhuvan University, Nepal.
- BUDUHAN, Cleto*, Graduate Student, Department of Anthropology, University of British Columbia, Canada.
- BULATAO, Elizabeth Q., Fellow, Population Center Foundation, Inc., Philippines.
- DIZON, Jesse A.N., Teaching Assistant, University of British Columbia, Canada.
- DOMINGO, Lita J., Instructor, Population Institute, University of the Philippines.
- FLORES, Dr. Arturo S., Jr., Lecturer, University of the South Pacific, Fiji.
- FRANCO, Emma*, Senior Statistician, National Census and Statistics Office, Philippines.
- JACINTO, Dr. Melchor L., Associate Professor, Institute of Public Health, University of the Philippines.
- FONG, Peter, Graduate Student, UH Department of Economics.
- NG, Shui-Meng, Research Officer, Institute of Southeast Asian Studies, Singapore.
- ATTAKOR, Wiwatchai, Lecturer, National Institute of Development Administration, Thailand.
- BOONYANITAYA, Chaityuth, Research Associate, Institute for Population and Social Research, Mahidol University, Thailand.
- BUNNAG, Aurapin, Lecturer and Researcher, Institute of Population Studies, Chulalongkorn University, Thailand.
- CHANDHAMRONG, Churairat, Lecturer and Instructor, Faculty of Liberal Arts, Thammasat University, Thailand.
- CHEUYNAT, Dr. Anongnat, Lecturer, Faculty of Public Health, Mahidol University, Thailand.
- RUANGKANCHANASETR, Chintana, Lecturer, Faculty of Liberal Arts, Thammasat University, Thailand.
- SHOOVONG, Amnuywit, Lecturer, Faculty of Political Science, Chulalongkorn University, Thailand.
- SMUCKARN, Dr. Snit*, Senior Lecturer and Research Associate, The National Institute of Development Administration, Thailand.
- SUKANIVATT, Salaya*, Lecturer, Department of Social Sciences and Humanities, Kasetsart University, Thailand.
- SUWATTEE, Dr. Prachoom, Lecturer, School of Applied Statistics, National Institute of Development Administration, Thailand.
- VITCHAPAN, Nisa, Deputy Director, Social Science Research Institute, Chulalongkorn University, Thailand.
- WONGVANIJ, Wilaipahn, Lecturer, Department of Sociology and Anthropology, Thammasat University, Thailand.
- COPP, Brian E., Research Assistant, Community and Family Study Center, University of Chicago, USA.
- EL-KAMMASH, Dr. Magdi M., Associate Professor, Department of Economics, North Carolina State University, USA.
- FREEMAN, Daniel H., Jr., Research Assistant, Department of Biostatistics, University of North Carolina, USA.
- KIM, Miby*, UH Graduate Student, USA.
- McGOUGH, Jay R., Teaching Assistant, Department of Anthropology, University of Washington, USA.
- RABIEGA, Dr. William A., Assistant Professor, Department of Geography, Florida State University, USA.
- WEED, James A., Graduate Student, Department of Sociology, University of Washington, USA.
- THAI, Dr. Vu Minh T., Dean, School of Education and Pedagogy, University of Dalat, Vietnam.
- LALOVIC, Miroslav*, UN Intern, Demographic Research Center, Institute of Social Sciences, Yugoslavia.

* Intern

APPENDIX D

East-West Population Institute

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. ABAYASEKARA, Wannaku A.D.G.	Sri Lanka	PHD	Geography
2. AHSAN, Rosie Majid	Bangladesh	PHD	Geography
3. ALCORN, Curtis	USA	MA	Geography
4. ALI, Mehtabunisa	India	PHD	Geography
5. ARELLANO, Estrella A.	Philippines	MA	Econ.
6. BURKHART, Marianne Louise Countryman	USA	MA	Public Health
7. BYUN, Sang-Jinh	Korea	MA	Econ.
8. CHAUMPLUK, Malinee	Thailand	MA	Soci.
9. CHOI, Sang-Chin	Korea	PHD	Psyc.
10. CHOW, Chun-Shing	Hong Kong	MA	Geography
11. CHUNG, Cha Whan	Korea	PHD	Anthro.
12. D'AMATO, John Joseph	USA	MA	Anthro.
13. ENG, Karen Kay	USA	MA	Public Health
14. HAMPSON, Arthur	USA	PHD	Geography
15. HAQUE, Najma	Bangladesh	MA	Geography
16. HAU, Wun Fai	Hong Kong	MA	Econ.
17. HETYEY, Paul A.	Australia	MA	Anthro.
18. HONG, Sa Won	Korea	PHD	Soci.
19. JOSHI, Akhande Swori	Nepal	MA	Geography
20. KALAM, Mohammed	Fiji Islands	MA	Geography
21. KAW, Shu-Yung Chiu	Rep. of China	MA	Public Health
22. KELLER, Katharine W.	USA	PHD	Anthro.
23. KOO, Ja Yuong	Korea	MA	Polit. Sci.
24. KUSHELL, Elliot Nils	USA	MA	Soci.
25. LEE, Hoon Koo	Korea	PHD	Psyc.
26. LEE, Keun-Moo	Korea	MA	Soci.
27. MANTRA, Ida Bagus	Indonesia	PHD	Geography
28. MARSHALL, Julie Ann	USA	MA	Public Health
29. MIU, Kenneth Leung Kai	Hong Kong	PHD	Geography
30. MUDJIMAN, Haris	Indonesia	MA	Geography
31. MUKHERJI, Shekhar Prasad	India	PHD	Geography
32. MURAKAMI, Alan Tomoo	USA	MA	Econ.
33. OGAWA, Naohiro	Japan	PHD	Econ.
34. ONG, Amy Heng-Che	USA	MA	Soci.
35. PAN, Florence Feng-Shiuan	Rep. of China	MA	Econ.
36. PARSONS, John Sanford	USA	PHD	Geography
37. PATALINGHUG, Epictetus Englis	Philippines	PHD	Econ.
38. QURESHI, Sitara	Pakistan	MA	Social Work
39. ROSENBERG, Patricia Lee	USA	MA	Info. Sci.
40. SENSER, Robert Willard	USA	MA	Soci.
41. SHAMBAUGH, Vicki Lynette	USA	MA	Geography
42. SIGIT, Hananto	Indonesia	PHD	Econ.
43. SINGHANETRA, Anchalee	Thailand	PHD	Geography
44. SOWINSKI, Daniel Dreux	USA	PHD	Med.
45. SUNDARAM, Chitra	India	PHD	Soci.
46. TAM, Lawrence Kwong Tso	Hong Kong	MA	Public Health
47. TAN, Soon Guan	Malaysia	PHD	Genetics
48. TENZING, Marian Morgan	USA	MA	Hist.
49. VINICCHYKUL, Napa	Thailand	MA	Anthro.
50. WIROATMODJO, Yusmilarso	Indonesia	MA	Soci.
51. YIN, Chien-Chung Alexander	Rep. of China	MA	Anthro.

APPENDIX E

East-West Population Institute

FIELD EDUCATION

- AHSAN, Rosie (Geography): Dissertation research in Bangladesh collecting primary, secondary and archival data about nature and dynamics of residential mobility in an Eastern city, by reference to case of high-class residential areas in Dacca City. Field work affiliation: Department of Geography, Dacca University. (11/22/73 - 12/16/74)
- ARELLANO, Estrella (Econ.): Course work in survey research techniques at Institute for Social Research, University of Michigan. (6/19/73 - 9/1/73)
- BURKHART, Marianne (Public Health): Field research in Philippines to do study of vasectomy patients. Field work affiliation: Silliman University Medical Center, Dumaguete. (5/18/74 - 8/27/74)
- CHAMPLUK, Malinee (Soci.): Course work in survey research techniques at Institute for Social Research, University of Michigan. (6/3/74 - 8/27/74)
- CHIANG, Thomas Chi-Nan (Econ.): Participation in International Statistical Program, Bureau of Census, Washington, D.C. (5/24/73 - 8/17/73)
- CHOI, Sang Chin (Psyc.): Dissertation research in Korea to study family planning attitudes and behavior based upon recent advances in attitude theory and measurement. Field work affiliation: KIRBS, Seoul. (5/21/74 - 9/22/74)
- CHUNG, Cha Whan (Anthro.): Dissertation research in Korea to study ways rural villagers who migrate to Seoul affect city social structure. Research in a village and in Seoul to learn how village groups are restructured to meet the new needs of city migrants. Field work affiliation: KIRBS, Seoul. (1/31/74 - 1/15/75)
- HAQUE, Najma (Geography): Thesis research in Bangladesh investigating population density and distribution effect on social organization. Will also collect data on environment, settlement patterns and social arrangements. Field work affiliation: Department of Geography, University of Dacca. (2/15/74 - 1/15/75)
- HAU, Wun Fai (Econ.): Course work in survey research techniques at Institute for Social Research, University of Michigan. (5/31/74 - 8/27/74)
- KALAM, Mohammed (Geography): Thesis research in Singapore on role of socioeconomic status and changes in family life cycle in generating intraurban residential mobility. Also, professional visits to Malaysia, Philippines, Thailand, Hong Kong, Korea and Japan to study Asian population education programs. Field work affiliation: Department of Geography, Nanyang University, Singapore. (3/19/73 - 7/7/73)
- KAW, Shu-Yung Gloria Chiu (Public Health): Course work and field work in demography of social disorganization at Population Research Laboratory, USC. Also professional visits to San Francisco and New York to study family planning programs. (5/24/73 - 8/4/73)
- KELLER, Katherine (Anthro.): Thesis research in Philippines to test hypothesis that population pressure is main determinant of agricultural growth among a traditional swidden people. Field work affiliation: Department of Anthropology, University of Philippines. (1/6/73 - 9/15/73)
- MIU, Leung Kai Kenneth (Geography): Dissertation research in Hong Kong to study effect of culture on urban structure of Hong Kong and spatial behavior of residents. Field work affiliation: Department of Geography, University of Hong Kong. (12/22/72 - 11/1/73)
- MUKHERJI, Shekhar Prasad (Geography): Dissertation field research in city of Varanasi, India, to study mobility-field theory of human spatial behavior approach to study of migration and circulation in Indian situation. Field work affiliation: Department of Geography, Bahares Hindu University. (3/15/73 - 12/5/73)
- PAN, Florence Feng-Shiuan (Econ.): Course work in survey research techniques at Institute for Social Research, University of Michigan. (6/29/73 - 8/27/73)
- QURESHI, Sitara J. (Social Work): Field research in Pakistan--a survey of attitudes and value orientations of users and nonusers of family planning. Field study affiliation: Punjab Population Planning Board, Lahore. (5/11/73 - 8/15/73)
- SENSER, Robert W. (Soci.): Internship at Korean Institute for Research in Behavioral Sciences (KIRBS) in computer programming and developing programs and programming skills for KIRBS use. (5/20/74 - 8/16/74)
- SUNDARAM, Chitra (Soci.): Field research in India to study changes in socio-economic relationships between different segments of village population resulting from changes in manner in which agricultural production is organized, changes in economic status of villagers, people's experience with HYVP and family planning program, and changes in people's attitude towards family planning and use of birth control methods. Field work affiliation: Council for Social Development, New Delhi. (5/12/74 - 4/30/75)

TAM, Kwong Tso Lawrence (Public Health): Participation in International Seminar on Solution to Population Problem, Colorado, and International Seminar on Epidemiology and Public Health Administration in Disease Control, Georgia. (5/29/73 - 8/25/73)

VINICCHYKUL, Napa (Anthro.): Course work in survey research techniques at Institute for Social Research, University of Michigan. (6/18/73 - 8/29/73)

YIN, Chien-Chung (Anthro.): Dissertation research in Taiwan, to study migration patterns and adaptation of migrants to new socio-economic environment. Field work affiliation: Department of Anthropology and Archeology, National Taiwan University, and Manpower Development Committee, Council for International Economic Cooperation and Development. (5/8/72 - 9/7/73)

APPENDIX F

East-West Population Institute

PUBLICATIONS

Publications generated by Population
Processes and Structure:

Geoffrey McNicoll and Si Gde Mamas
THE DEMOGRAPHIC SITUATION IN INDONESIA
Paper No. 28. December 1973. 68 pp

Paper examines current fertility, mortality and migration patterns in Indonesia, together with some background material necessary for context. Factors likely to influence trends in vital rates over next decade include rising mean age at marriage, continued large cohorts entering peak ages of reproduction and mobility, improved economic conditions in urban areas, and a vigorous clinic-based family planning program in Java and Bali. Serious problems of ecological degradation already evident in rural Java and significant shifts in economic arrangements affecting access to harvest also likely to have demographic repercussions.

Contents: Preface; Abstract; Introduction; Population Growth; Mortality; Fertility; International Migration; Population Distribution and Internal Migration; Conclusion and Prospect; Appendix 1: Supplemental Tables; Appendix 2: Statistical Sources; References; Note to Reader.

Lee-Jay Cho
THE DEMOGRAPHIC SITUATION IN THE REPUBLIC OF
KOREA
Paper No. 29. December 1973. 52 pp

Recent demographic developments in Republic of Korea--including decline in mortality since the end of the Korean War, rapid population growth, and a dramatic decline in fertility in the 1960s--documented by means of census and survey data. Causes and consequences of transition are examined, in particular the phenomenon of rural-to-urban migration, and projection of population size and distribution is made for year 2000.

Contents: Preface; Abstract; Population Growth; Mortality; Fertility; Internal Migration and Urbanization; Summary and Prospect; References and Bibliography.

Robert W. Gardner and Eleanor C. Nordyke
THE DEMOGRAPHIC SITUATION IN HAWAII
Paper No. 31. June 1974. 120 pp

Fertility, mortality and migration patterns in Hawaii during period 1900 to present are described using census tabulations, vital statistics, other data sources. Study explores topics of special importance to Hawaii, including ethnic composition of state and effects of changing military presence on total population. Projections based on various assumptions suggest that in-migration rather than natural increase will come to dominate population growth in years ahead.

Contents: Authors' Preface; Abstract; Introduction; Population Size and Growth; Population Composition; Nuptiality; Fertility; Mortality; Migration; Projections of the Civilian Population; Conclusion; Bibliography.

PROCEEDINGS OF THIRD POPULATION CENSUS
TABULATION WORKSHOP-CONFERENCE: POSTCENSAL
CONSIDERATIONS (March 25-30, 1974)
April 1974. 52 pp

Proceedings contain summaries of reports and discussion by census officials from 14 countries of Asian-Pacific region concerning progress in tabulating and disseminating 1970 rounds of censuses, plus recommendations for the future.

Contents: Participants; Agenda; Recommendations; Opening Ceremony and Introductory Remarks; Country Reports: Bangladesh, Republic of China, Hong Kong, India, Indonesia, Japan, Republic of Korea, Malaysia, Pakistan, Philippines, Singapore, Sri Lanka, Thailand, Australia; Discussion: Census Evaluation Procedures, Measurement of Fertility and Mortality, Population Projections, Measurement of Urbanization, Measurement of Labor Utilization, Indices of Socioeconomic Status, Census Dissemination, Newsletter, Introduction to Asian Censuses, Drafting of Recommendations, Approval of Recommendations and Closing Remarks.

Publications generated by
Population Policy and Programs:

Y. Scott Matsumoto
DEMOGRAPHIC RESEARCH IN JAPAN, 1955-70: A
SURVEY AND SELECTED BIBLIOGRAPHY
Paper No. 30. April 1974. 88 pp

An overview of demographic research in Japan during the postwar shift from high to low fertility with entries for over 400 works by Japanese scholars. Particular attention paid to activities of Institute of Population Problems, and Japan universities, and to major population-related studies. Bibliography, arranged by author, is preceded by subject index.

Contents: Preface; Abstract; Introduction; Research Institutions; Recent Trends in Demographic Research; Demographic Studies; Fertility, Mortality, Population and the Economy, past and future; Summary and Conclusion; Preface to Bibliography; Subject Index; Citations by Author.

James Fawcett et al.
POPULATION RESEARCH IN THAILAND: A REVIEW AND
BIBLIOGRAPHY

A joint publication of the East-West Population Institution
and the Institute of Population Studies, Chulalongkorn
University. July 1973. 123 pp

Comprehensive guide to research literature on
population of Thailand. Materials are culled from
recent bibliographies compiled by Institute of Population
Studies of Chulalongkorn University, Population Council
in Thailand, and East-West Population Institute; from
Thai governmental agencies; from individual scholars
within and outside Thailand.

Contents: Preface; Review: the Population of Thailand;
Population Policy, Census, Vital Registration and
National Survey Reports; Fertility Mortality, Population
Growth, and Projections; Labor Force; Migration and
Urbanization; KAP Surveys and Family Planning
Activities; Sociological and Anthropological Studies;
Specialized Topics Related to Population; Bibliography;
Preface to the Bibliography; Part 1, Items Classified by
Topic; Part 2, Items Classified by Author.

FOURTH SUMMER SEMINAR IN POPULATION, 9 JULY -
11 August 1973: RECORD OF THE PROCEEDINGS
September 1973. 60 pp

Summary of purposes, organization and proceedings of
Seminar attended by 55 university faculty from 13
countries. Included are synopses of core course
lectures and workshop sessions in Honolulu, and of
lectures and site visits in Republic of Korea during a
field trip in the final week of the Seminar.

Contents: Introduction; Seminar Participants; Institute
Faculty and Staff; Calendar of Activities; Core Course
Lectures (summary); Workshops (summary); Field Trip
Lectures and Site Visits (summary); Reading Materials.

General Institute
Publications:

EAST-WEST POPULATION INSTITUTE ANNUAL REPORT,
1 July 1972 - 30 June 1973
June 1973. 98 pp

Report reviews Institute activities during FY 1972-73.
Narrative section describing main program activities,
program support activities, staff and organization, and
future plans is augmented by 17 appendices providing
detailed documentation.

Contents: Introduction; Main Program Activities:
Research, Graduate Study, Professional Development,
Institutional Cooperation; Program Support Activities:
Publications, Data Processing and Computing, Resource
Materials Collection; Staff and Organization; Future
Plans; Appendices.

EAST-WEST POPULATION INSTITUTE BULLETIN 1974
July 1974. 28 pp

A concise description of goals, organization and
activities of Institute, with particular emphasis on
recent developments.

Contents: Staff; Goals and Program: Population
Processes and Structure, Causes of Demographic
Behavior, Effects of Demographic Behavior,
Population Policy; Research: Current Research,
Completed Research; Research Associates; Fellows;
Conferences; Graduate Study: Graduate Training,
Scholarships; Professional Development; Institutional
Cooperation; Program Support Activities: Data
Processing and Computing, Publications, Resource
Materials Collection; Organization, Staff and Facilities;
International Advisory Committee.

Population articles reprinted for greater
distribution through Institute Reprint Series:

Reprint No. 35

The value of children: theory and method, by James T.
Fawcett and Fred S. Arnold, reprinted from RESEARCH
IN SOCIAL PSYCHOLOGY, Vol. 4, No. 1, pp 23-35
January 1973.

Reprint No. 36

Modernization, individual modernity, and fertility, by
James T. Fawcett and Mark H. Bornstein, reprinted
from PSYCHOLOGICAL PERSPECTIVES ON
POPULATION, James T. Fawcett, ed., New York:
Basic Books, pp 106-131, 1973.

Reprint No. 37

A third-year progress report on the West Malaysian
Family Survey, by Ariffin Bin Marzuki and James A.
Palmore, reprinted from PROCEEDINGS OF THE
COMBINED CONFERENCE ON EVALUATION OF
MALAYSIA NATIONAL FAMILY PLANNING
PROGRAMME AND EAST ASIA POPULATION
PROGRAMMES (18-25 March 1970), 33 pp, 1973.

Reprint No. 38

Population problems of the countries of Asia, by
Lee-Jay Cho and Monica Fong, reprinted from
JOURNAL OF EAST AND WEST STUDIES, Vol. 1,
21 pp, April 1973.

Reprint No. 39

In-migration versus fertility as factors in Hawaii's
population growth, by Eleanor C. Nordyke, reprinted
from HAWAII MEDICAL JOURNAL, Vol. 32, No. 4,
pp 207-212, July-August 1973.

Reprint No. 40

Cigarette smoking and widowhood in the United States, by Robert D. Retherford, reprinted from POPULATION STUDIES, Vol. 27, No. 2, pp 193-206, July 1973.

Reprint No. 41

The diffusion of illegal abortion in Santiago de Chile: the use of a direction-bias model, by Gary A. Fuller, reprinted from PROCEEDINGS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, Vol. 5, pp 71-74, 1973.

Reprint No. 42

Mercantilism, physiocracy and population theory, by J. Overbeek, reprinted from THE SOUTH AFRICAN JOURNAL OF ECONOMICS, Vol. 41, No. 2, pp 167-174, 1973.

Reprint No. 43

Psychological determinants of nuptiality, by James T. Fawcett, reprinted from International Union for the Scientific Study of Population, INTERNATIONAL POPULATION CONFERENCE, LIEGE 1973, Vol. 2, pp 19-30, 1973.

Reprint No. 44

A sociological perspective on family planning programs, by Philip M. Hauser, reprinted from International Union for the Scientific Study of Population, INTERNATIONAL POPULATION CONFERENCE, LIEGE 1973, Vol. 3, pp 303-318, 1973.

Reprint No. 45

Demographic and economic aspects of poverty in the rural Philippines, by Aram A. Yengoyan, reprinted from COMPARATIVE STUDIES IN SOCIETY AND HISTORY, Vol. 16, No. 1, pp 58-72, 1974.

APPENDIX G

East-West Population Institute

STAFF

Director (acting)

ADAMSON, Keith E.: Institute's Executive Officer for Administration. Came to Center in May 1971, following service with USIA and U.S. Department of State. Began career in civil and foreign service with U.S. government in 1939, serving in all aspects of planning and management of communications and cultural programs for State Department. From 1967 to 1971, served as counselor of Embassy in Vietnam, Laos and Thailand, planning and directing U.S. information and cultural programs. Also saw overseas service in Egypt, Turkey and Colombia, has traveled throughout Europe, Middle East, Asia and Central and South America.

Assistant Director for Graduate Study

FAWCETT, Dr. James: Holds joint appointment as UH associate professor of psychology. Received master's degree at Yale University and Ph.D. in social psychology in 1965 from University of California at Berkeley. Was affiliated with Population Council in New York for six years, four of those in Bangkok as Council's representative in Thailand. Also worked for Peace Corps in Washington, and spent a year at University of Michigan as a visiting scholar. On June 1, 1974, became Regional Representative of the Population Council, resident in Singapore. He will continue as Consultant to Institute for "Value of Children" project.

Assistant Director for Professional Development

CHO, Dr. Lee-Jay: A Korean, received undergraduate education in political science at Kookmin College in Seoul. Earned master's in public administration at George Washington University, Washington, D.C., and master's degree in sociology at University of Chicago. In 1965, awarded doctoral degree in sociology at University of Chicago. In addition to assistant directorship with Institute, holds joint faculty appointment as UH professor of sociology. Will become Institute director July 1.

Assistant Director for Institutional Cooperation

PALMORE, Dr. James A.: Holds joint appointment as UH associate professor of sociology. Received A.B. at Antioch College, M.A. and Ph.D. (1966) in sociology at University of Chicago. For five years before coming to Center in 1970, was a research associate with Population Studies Center and Center for South and Southeast Asian Studies, as well as assistant professor of sociology at University of Michigan.

Research Associates

ARNOLD, Dr. Fred S.: A graduate of Harvard University, the University of Chicago and University of Michigan (Ph.D. in economics in 1972). During 1968-71, was research assistant at University of Michigan, working in area of economic and demographic research. Worked as a systems analyst in summer of 1968 with Management Sciences Research Group at Uniroyal, Inc. From June 1, 1974, until December 1, 1975, will be with National Statistical Office of Thailand working on cooperative research projects.

CHAO, Dr. Dennis: Holds a joint appointment as UH assistant professor of economics. Holds bachelor's degree from National Taiwan University, Ph.D. from University of California, Santa Barbara.

CHAPMAN, Dr. Murray: Has been with the Institute since September 1969. A New Zealander educated at the University of Auckland and Victoria University of Wellington, and the University of Washington and Cornell University in the United States, holds Ph.D. in geography from UW. Holds joint appointment at UH as associate professor of geography. Previously taught at University of Auckland and Victoria University in New Zealand, the University of Washington, and Cornell University.

FEENEY, Dr. Griffith: Received undergraduate education at Antioch College in Ohio, earned master's and doctorate at University of California at Berkeley. During 1966-67, served with Volunteers in Service to America (VISTA), then as trainee with University of Michigan Population Studies Center. In 1969-70, was research assistant in department of demography at University of California. Worked with East-West Population Institute on a short-term research assignment in summer of 1971, was appointed to present position in September 1972.

FULLER, Dr. Gary: Also UH assistant professor of geography. Received B.A. from State University of New York in 1964, and Ph.D. in geography from Pennsylvania State University in 1972.

HOWARD, Dr. Alan: A graduate of Stanford University with Ph.D. in anthropology. Also holds joint appointment as UH professor of anthropology. From 1963 to 1971, served as anthropologist for Bishop Museum in Honolulu.

MATSUMOTO, Dr. Y. Scott: B.S. and doctorate in sociology from American University, also did postdoctoral study at Harvard University. Served during 1957-67 as department chief with Atomic Bomb Casualty Commission at Hiroshima. Holds joint faculty appointment in UH School of Public Health. During summer of 1971, was visiting professor of public health at University of Tokyo under a grant awarded by Japan Society for Promotion of Science.

McNICOLL, Dr. Geoffrey: A citizen of Australia and graduate of the University of Melbourne, has Ph.D. in demography from University of California at Berkeley. From 1965 to 1967, worked with Central Bureau of Statistics in Jakarta, Indonesia. In 1968, was staff researcher on Philippine Project of Center for Development Planning, National Planning Association, Washington, D.C. Left the Institute January 1, 1974, to join Population Council in New York and continues to collaborate on research projects of the Institute.

OVERBEEK, Dr. Johannes: Also UH assistant professor of economics. A graduate of Graduate Institute of International Studies of University of Geneva in Switzerland, also studied at Junior College of Business Administration in the Netherlands and National Institute of Demographic Studies in Paris. Before coming to Hawaii, served for two years as assistant professor of economics at University of British Columbia.

PARK, Dr. Chai Bin: A citizen of Republic of Korea, holds joint appointment as UH professor of public health. Received M.D. degree from Seoul National University, master's and doctoral degrees in public health at University of California, Berkeley. From 1960 to 1962, was senior statistician with Bureau of Statistics, Republic of Korea, and from 1962 to 1966 served as statistical consultant for World Health Organization in Rio de Janeiro, Brazil, and Kingston, Jamaica.

PIRIE, Dr. Peter N.D.: A New Zealander, also is UH professor of geography and director of University's Population Studies Program. Received both bachelor's and master's at University of Auckland, and Ph.D. in geography at Australian National University. In 1969-70, was a Senior Colleague in East-West Center's Institute of Advanced Projects. Has conducted considerable demographic research in Pacific islands, particularly Western Samoa.

RETFERFORD, Dr. Robert D.: A graduate of University of California at Berkeley with Ph.D. in sociology. On leave from the Institute in 1970-71, studied as postdoctoral Fellow at Institute National D'Etudes Demographiques in Paris. During a second leave in 1971-72, served as consultant to Economic Commission for Asia and the Far East, Bangkok, Thailand.

Staff Researchers

ALBORES, Sonia: A Filipino citizen and graduate of University of San Carlos, Cebu City. Earned master's in psychology at University of Hawaii while studying under East-West Center grant during 1969-71. From 1967 to 1969, was instructor in introductory psychology at University of San Carlos.

GANNAWAY, Milann: Received B.A. from Centenary College of Louisiana and M.A. in English as a Second Language from University of Hawaii while studying under East-West Center grant in 1970-71. Has been associated with Regional English Language Centre in Singapore and Hawaii English Language Program in Honolulu.

GARDNER, Dr. Robert W.: Earned B.A. degree at Stanford and M.A. and Ph.D. in demography from University of California at Berkeley. Left June 1, 1974, from five months as Ford Foundation consultant in Pakistan.

HOWARD, Kajorn: Born in Thailand, received her bachelor's at Chulalongkorn University, Bangkok. Studied at the Institute of Food Technology, London, for 18 months and came to University of Hawaii in 1962 as East-West Center student. Received master's in nutritional science in 1966. From 1965 to 1969, served as a research assistant in anthropology at Bishop Museum.

JEDLICKA, Davor: A Ph.D. candidate in sociology at University of Hawaii. Born in Yugoslavia, taught sociology at University of Hawaii from 1969 to 1971. Four years before that, served as researcher with Stanford Medical Center, California.

LEVIN, Michael J.: Received B.S., B.A., and M.S. from Purdue University, and currently Ph.D. candidate in anthropology at University of Michigan. He has previously been associated with American Museum of Natural History, University of Michigan Department of Human Genetics, and Bishop Museum.

NORDYKE, Eleanor C.: Has been with East-West Center since February 1969, working as clinic coordinator in family planning and doing research on Hawaii's demography. A graduate of Stanford University in nursing, with an M.P.H. in population studies and family planning from University of Hawaii. Has been a public health nurse in California and Hawaii.

NORRIS, Peter S.: A native of Honolulu, received B.A. in biology-chemistry in 1965, and M.A. in psychology in 1966, both from Whittier College. For two years worked as Employment Counselor in Watts, California, and from 1968 to 1970, was Personnel Research Analyst at Lockheed Aircraft Corporation in Burbank, California. In 1970, began work on Ph.D. in population psychology at University of Hawaii.

Support Activities

CHOE, Minja Kim: Data Analysis Officer, born and raised in Seoul, Korea, and educated at Yonsei University (B.A.), and University of Chicago (M.S. in mathematics). During 1970-71, was computer specialist with UH Statistical and Computing Center. Prior to that, served as programmer at Institute for Research in Computer Science, University of Chicago, and Laboratory for Nuclear Science, Massachusetts Institute of Technology.

HO, Victoria Tao: Data Analyst, graduate of Carnegie Mellon University, receiving both B.S. and M.S. in mathematics. In 1973, served as analyst/programmer with Systems Corporation in Honolulu. Prior to that, was engineer at Westinghouse Electric Research Laboratories.

HOYER, Michael Ann: Assistant in Data Analysis, joined Institute after completing her bachelor's at University of Hawaii. Also has worked as keypuncher at Computing Center, Institute of Astronomy, and for Hawaii Pregnancy, Birth Control and Abortion Study.

KAYA, Robert: Data Analyst, holds B.S. in computer science from University of Dayton and M.S. in information and computer sciences from University of Hawaii. Served as data processing specialist at UH School of Nursing in 1970-72.

MIDKIFF, Ann A.: Data Analyst, a UH graduate with B.S. in physics and M.S. in information sciences. Formerly was research assistant in information sciences at UH. In 1968-69, was Fellow in biophysics at M.D. Anderson Cancer Institute. During 1970-71, served as UH teaching assistant in general sciences.

WARD, Sandra: Publications Officer, served two years as editor in Information Office of Population Council, New York, before joining Institute staff. Previously spent some eight years working in program department of Cooperative for American Relief Everywhere, Inc. (CARE) in New York, including 14 months as director of Information Services Division. Earned B.A. in English at Oberlin College in Ohio in 1960 and pursued graduate studies in English at University of California at Berkeley. Has written extensively on demographic topics, and has made working visits to Middle East and Southeast Asia.

GOULD, Elizabeth: Publications Assistant, was program director for New York City Commission for United Nations and Consular Corps before coming to Hawaii. A political science graduate of Bryn Mawr College, has worked in research, publications and public relations. Spent several years doing fieldwork among Aborigines of Australia's Gibson Desert with husband, an anthropologist.

HARRIS, Alice: Resource Materials Specialist, joined East-West Center staff in 1965, and Population Institute in 1969. Educated at Russel Sage College and Drexel University, has also studied at University of Pennsylvania, Rutgers University and University of Hawaii. Before joining Institute, served four years

as western language cataloger with East-West Center. From 1963 to 1965, was a branch librarian at Rutgers University, and has also been associated with special libraries in Pennsylvania and New Jersey. In addition to advanced degree in library science, has completed requirements for M.A. in population geography.

LUM, Bertha: Joined Institute as Resource Materials Technician in December 1971. Has B.Ed. from University of Hawaii, and doing graduate work in library science. Served as Library Technician at UH Hamilton Library in 1968-69, and at East-West Center library in 1969-70.

Program Officer

PALMORE, Susan: Program Officer for graduate study and professional development, joined Institute as staff researcher in November 1970, and was appointed to present position in 1972. Attended Goucher College in Connecticut. Received M.A. and completed Ph.D. coursework in political science at University of Hawaii. Before joining the Institute, taught at Punahou School and Kaimuki Community School and served as writing consultant for Honolulu Board of Water Supply.

Administration

DOLAN, Virginia: Administrative Assistant to Director, has B.A. in English from University of Hawaii. Joined East-West Center in January 1963, as administrative assistant in Public Affairs Office, following five years' service on secretarial staff of Governor William F. Quinn. Was assigned to Population Institute in 1969. Prior UH association includes seven years' employment in President's Office and Board of Regents Secretariat.

WIDEMAN, Rebecca K.: Administrative Services Assistant, joined Institute in November 1970, as a relief stenographer and stayed on as supervisor of steno/typist pool. In April 1974, was appointed to present position. Came to Institute after nearly twenty-five years in Federal Civil Service.

Consultant

GREGG, Dr. Lucien A.: Joined Population Institute as Consultant in July 1969. Currently is Associate Director, Health Sciences, Rockefeller Foundation, based at East-West Center. Has devoted considerable time to assisting Institute in program development. Received B.S. and M.D. degrees at University of Pittsburgh, completed four years of postgraduate work at University of Chicago. Served on faculty of University of Pittsburgh for ten years as chairman, Department of Medicine, and later as Vice Chancellor for Medical Affairs. Has been associated with Rockefeller Foundation for past 15 years, spent four years in India as advisor on medical education to government of India, assisting in development of All-India Institute of Medical Sciences. Also served for five years as Rockefeller Foundation local representative in the Philippines. Retired effective July 1, 1974.

APPENDIX H
East-West Population Institute
RESOURCE MATERIALS COLLECTION

	<u>1972-73</u>	<u>1973-74</u>
Books, Pamphlets, Gov't. Documents, Census Reports	3900	4500
Serials (Titles)	111	125
Reprints	2500	2700
Microfilms	6	142
Motion Picture Films	22	24
Audio Tape Recordings		
Reels	0	1
Cassettes	0	5

APPENDIX I

East-West Population Institute

WEEKLY SEMINAR SERIES 1973-74

<u>Date</u>	<u>Speaker</u>	<u>Topic</u>
26 September	John Waterbury, American University, Field Staff	Aspects of Population and Policy (emphasis on Egypt, Algeria, and Morocco)
3 October	Keith Adamson	East-West Population Institute: Past, Present, and Future
12 October	Robert Retherford	A Method for Deriving Age-Parity-Specific Birth Rates from Census Data on Own Children
19 October	Daniel Suits, Chairman, Department of Economics, University of California, Santa Cruz; Visiting Professor, UH Department of Economics	Population and Economic Growth
25 October	Pi-Chao Chen, Department of Political Science, Wayne State University	Population Problems and Policy in Communist China
2 November	Alan Howard	Grantsmanship in Population Research
7 November	Loren Fessler, American Field Staff, Hong Kong	Population Problems of Communist China
9 November	James Watson, Assistant Professor of Anthropology, University of Hawaii	Organization of Chinese Peasant Emigration
14 November	William Brass, Professor of Medical Demography, Department of Medical Statistics and Epidemiology, London School of Hygiene and Tropical Medicine	Recent Work in Indirect Estimation of Mortality
30 November	James Fawcett, Fred Arnold and Betty Jaime Chung	The Value of Children
7 December	Griffith Feeney	On the Oldest Person in a Stationary Population
18 December	Eli Marks, United States Bureau of the Census	Dual System Estimation
7 January	Richard Easterlin, Professor of Economics, University of Pennsylvania	A Theory of the Demographic Transition
10 January	Richard Easterlin	Does Economic Growth Improve the Human Lot?
11 January	Bom Mo Chung, Director, Korean Institute for Research in the Behavioral Sciences	Population Research at the Korean Institute for Research in the Behavioral Sciences
24 January	K. Kanagaratham, Director, Population Division, World Bank	Population Research at the World Bank
1 February	Dennis Meadows, Fellow, Population Institute	The Impact of Population Growth on the Use of Materials and Energy
8 February	Michael Levin, doctoral candidate in Anthropology, University of Michigan	Methods of Study of Person-Specific Population Data
15 February	Norman Ryder, Fellow, Population Institute	1970 National Fertility Study and Family Demography

<u>Date</u>	<u>Speaker</u>	<u>Topic</u>
1 March	Donella Meadows, Fellow, Population Institute	Dynamics of Population Growth in Agricultural Villages
8 March	David Hood, Dean, Law School, University of Hawaii	International Population Law Research Activities
15 March	James Pick, doctoral candidate in Population and Environmental Biology, University of California, Irvine	Regional Demographic Statistics and a Migration Model of the United States
20 March	Surjaningrat Suwardjono, member of the International Advisory Board, Population Institute	Programs of the National Family Planning Coordinating Board of Indonesia
29 March	Naohiro Ogawa, doctoral candidate in Economics, University of Hawaii	The Impact of the Aging of Population upon Government Pension Schemes
5 April	David Radel, Research Associate, East-West Communication Institute	Elite Perceptions of Population Problems and Political Solutions
26 April	Shekhar Mukherji, doctoral candidate in Geography, University of Hawaii	The Mobility-Field Theory of Human Spatial Behavior
3 May	Tsong-Shien Wu, Department of Agricultural Extension, National Taiwan University	The Value of Children in Four Asian Countries
	Sung-Jin Lee, Korean Institute for Research in the Behavioral Sciences	
	Rodolfo Bulatao, Department of Sociology, University of the Philippines	
	Chalio Buripakdi, Department of Teacher Training, Ministry of Education, Thailand	
10 May	Alexander Yin, doctoral candidate in Anthropology, University of Hawaii	Penghu Kaohsiung Migration Study

EAST-WEST TECHNOLOGY AND DEVELOPMENT INSTITUTE

The understanding and application of technology in economic growth and national development is an essential part of the universal drive to enhance the quality of life. The East-West Technology and Development Institute seeks to increase understanding of the developmental process as a whole, with particular emphasis on the roles and interactions of people, institutions, policies and technological change as development proceeds in both East and West. In this context, the Institute also is concerned with social, economic, cultural and political factors which affect the adoption of new ideas.

On the advice of scholars and practitioners from Asia, the Pacific area and the United States, the Institute integrates its short-term professional development, advanced degree study, research and institutional cooperation activities around four central themes: Employment-Oriented Development Planning, Technology Adaptation, Small-Scale Entrepreneurship, and Public Policy and Institution Development.

In FY 74 the Institute concentrated on two fronts: first, an effort to put on solid basis the projects that had evolved and conceptually developed during the previous years. This basically meant carrying through the first phases of implementation in the cases of three projects, and evaluating and analyzing the results of two others. For continuing projects, such as the professional development conferences and workshops, efforts meant refining the approaches, improving resource materials and expanding participation.

Secondly, the FY 74 saw efforts at evolving several new projects and exploring possibilities of others. The thrust in this respect had been primarily that of planning for growth at the Institute.

Both efforts prescribed rationalization of the Institute's staffing and organization with emphasis on project development and administration. It also meant a better scheme for fruitfully involving the various participant groups (Fellows, interns and graduate students) in Institute activities.

Expectations for the coming year, given the past year's efforts, point toward some valuable outcome not only for the Institute but for the countries and institutions that are programmatically involved with the Institute, either in a cooperative or participative basis. One clear example of this is the establishment of Regional Adaptive Technology Centers (RATC) in three countries of Asia. Accordingly, efforts at packaging and disseminating acquired knowledge and information will be put on a much more deliberate basis as the Institute begins to address itself to the problem of sharing useful information and knowledge with countries and institutions within the Center's geographic mandate area.

A description of each central theme, or subdivision, follows, along with projects and activities conducted during the report year:

EMPLOYMENT ORIENTED DEVELOPMENT PLANNING

Economic development must encompass concern for problems of social development and income distribution along with income growth. Hence, special emphasis is given to problems of employment in relation to overall development policy and planning.

PLANNING DEVELOPMENT OF ENGINEERING INDUSTRIES

A research project designed to provide a framework for determining technologies and products appropriate to engineering industries of low-income economies. The project was begun in a pilot stage in the Philippines this year, and will be extended to other Southeast Asian countries in succeeding years. The evolution of this industry in the United States will be considered to add a historical perspective to the countries currently being studied.

ACTIVITY 1: Pilot Study of Philippines Metal Fabricating Industry: A detailed field survey of the metal fabricating industry of the Philippines, undertaken by Dr. John Richards, an Institute staff member, supported by the Asia Foundation. Richards gathered data on technical, financial and innovational aspects of individual firms in this industry.

Cooperating Institutions: Metals Industry Research and Development Center, Philippines; Philippines Institute of Small-Scale Industry; International Rice Research Institute.

TRADE, TECHNOLOGY AND EMPLOYMENT

A research project designed objective to assess effects of trade expansion on employment and income distribution. Extensive use of input-output and industrial census data are used to compare experiences of Korea and the Philippines.

ACTIVITY 1: Trade and Employment in Korea and the Philippines: The effects of employment and income distribution on producing alternative kinds of goods for export, explored via input-output tables and industrial census data. Special emphasis was given to the Korean experience, with comparisons made of the Philippines experience as documented at the Institute last year.

Cooperating Institutions: Seoul National University; Bank of Korea; University of the Philippines.

Fellow Involved in Activity: Dr. Youngil Lim

Staff Project Team: Dr. John Richards, project director

PROJECT FEASIBILITY STUDY AND EVALUATION

A professional development project planned to increase the capacity of development project planners in viewing planning and implementation as an integrated process. Attention is given to coordination of problems and information flows between central planners and project planners, and to the socio-economic, financial, technical and managerial dimensions of individual projects at both the national and regional (sub-national) levels, and in a variety of social, cultural, economic and political settings.

ACTIVITY 1: Project Feasibility and Evaluation Workshop: This workshop was primarily concerned with an exchange of ideas and experiences in the conception, development, programming and implementation of a variety of development projects encompassing infrastructure type, industrial/commercial, social development/social services, and commercial services/government. Emphasis was given to the process involved in the various aspects of a development project from pre-planning/identification through feasibility study to implementation and subsequent evaluation. At the workshop, attention was continually drawn to the concepts, issues, problems and process of project formulation and feasibility studies, project implementation and management, and project evaluation, with due reference to the roles of development planners and policies of various individuals as participants in the project activity, of government agencies and

private enterprise institutions. Lecture-discussions by appropriate resource persons and presentation of relevant project case materials by the participants were the primary medium of the workshop. (See list of participants, Appendix C).

Countries and Institutions Represented: India (Ministry of Public Works and Housing); Indonesia (Development Bank of Indonesia, National Family Planning Coordinating Board); Korea (Medium Industry Bank, Soong Jun University); Malaysia (Urban Development Authority); Nepal (Tribhuvan University, Center for Economic Development Administration); New Guinea (Central Planning Office); Pakistan (National Planning Division); Philippines (University of the Philippines, Institute for Small-Scale Industries); Taiwan (Ministry of Economic Affairs, National Taiwan University); Thailand (Thai Investment and Securities, National Institute of Development Administration); U.S. Trust Territory (Transportation Department); United States (Hawaii International Services Agency, City and County of Honolulu, University of Hawaii at Hilo).

Fellows Involved in Activity: Dr. Suk Choon Cho, Prof. Hasan Poerbo.

Workshop Consultant: Dr. Clark C. Bloom (Ford Foundation).

Staff Project Team: Dr. Manuel Alba, project director, Prof. Louis Goodman, Dr. John Richards, Harold Ajirogi.

REGIONAL DEVELOPMENT-SOUTH PACIFIC

A cooperative action-oriented research program with a primary objective of developing the necessary indigenous manpower skills in a number of Pacific Island countries--to further social and economic growth. Initial focus was on role of tourism in the development of Pacific Island countries, with special attention to development of local capabilities in the context of local enterprises in a variety of tourism-related industries.

ACTIVITY 1: Impact of Tourism on the Development of Pacific Island Countries: Seminar cum workshop, held in cooperation with the East-West Culture Learning Institute, based on the premise that there must be a local capability for planning tourism development if island governments are to be able to channel growth of tourism to provide maximum economic, social and cultural benefits possible for island populations. This initial activity is envisioned as a block-building process toward establishment of local resources for tourism planning. Method involves bringing together staff members of Pacific Island universities and research institutions now engaged in, or interested in, conducting applied research on tourism in concert with Pacific Island policy makers, planners and administrators of national tourism programs. Ultimate goals of the planned cooperative research program and its application would be to: 1) develop local research data for application to policy making and planning with reference to the tourism industry; and 2) develop local expertise on tourism development problems on the part of researchers, policy makers, planners and administrators concerned with these problems. (See list of participants, Appendix C).

Countries and Institutions Represented: New Guinea (Australian National University); New Zealand (Waikato University); Cook Island (Survey Department); Fiji (University of the South Pacific, Central Planning Office, Fiji Visitors Bureau); Western Samoa (Tourism Office); Tahiti (Centre Orstom de Papeete); American Samoa (Office of Tourism); Trust Territory of the Pacific (Uh Corporation-Ponape, Department of Resources and Development-Saipan, Congress of Micronesia); United States (Bishop Museum, University of Miami, Bishop Estate, Belt Collins & Associates, Save Our Surf, Church College of Hawaii, Hawaii Department of Economic Planning, International University-Florida, Commission for the Year 2000, University of Hawaii-School of Travel Industry Management and Ethnic Studies).

Workshop Consultant: Morris Fox, Former UN Advisor to South Pacific Commission.

Staff Project Team: Dr. Ben Finney, project director, Harold Ajirogi

Degree Scholar Participants: Tai Crouch, Larry Fukunaga, Cort Kloke, Jane Hurd.

TECHNOLOGY ADAPTATION

In societies at varying stages of socio-economic development, it is important that efficient production technologies reflect optimum use of labor-absorbing techniques and make use of low-cost, locally available materials. The process of technology adaptation and innovation entails a major public policy concern for reconciling the need to generate increased employment opportunities and increased productivity. During fiscal year 1974, projects and activities undertaken in this area included:

LOW-COST HOUSING TECHNOLOGY

A cooperative action-oriented research and development program in low-cost housing materials, design and construction involving the Institute and five institutions in Asia and the United States. This cooperative effort deals basically with the production aspect in housing as part of a formative process in development of human settlements. Prime objective is the provision of better housing at lower costs for low-income families. In-country linkages with national housing authorities and construction industries will become an integral part of the project at a later date.

ACTIVITY 1: Feasibility, Design and Implementation of Low-Cost Housing for Low-Income Families: This workshop explored the need for innovations in both building materials and design concepts for low-cost housing appropriate for low-income families in Asia, the Pacific and the United States, and to mutually seek solutions to the many aspects of this problem area. Results of the workshop reinforced the feasibility of establishing a network of cooperating institutions in Asia and the United States to undertake an action-oriented project concerning low-cost construction materials and designs for low-income family housing units in a variety of socioeconomic settings. Among priority items identified by workshop participants were (1) need for realistic structural and sanitary standards, (2) innovations in roofing systems, and (3) establishment of an information exchange network among institutions involved in low-cost housing research and development. (See list of participants, Appendix C).

Cooperating Institutions: University of the Philippines; Bandung Institute of Technology; University of Indonesia; Regional Housing Center in Indonesia; Korea Institute of Science and Technology; Korea Housing Corporation; University of Malaya; Mindanao State University; Council for International Economic Cooperation and Development in Taiwan; SPA Co., Ltd. of Thailand; Asian Institute of Technology; Southeast Asia Construction Co., Ltd. of Thailand; Chulalongkorn University; Department of Public Works in American Samoa; Fiji Housing Authority; Massachusetts Institute of Technology; University of Hawaii; and Building Research Advisory Board of the National Academy of Sciences.

Workshop Co-Directors: Peter Ho, UH Asst. Prof., Civil Engineering, Ernesto Tabujara, Assoc. Prof. of Civil Engineering, Univ. of the Philippines, Louis Goodman, Institute staff.

Fellows Involved in Activity: Dr. Masakazu Ozaki, Dr. George Duggar.

ACTIVITY 2: Research on Low-Cost Housing as Basis for Cooperative Preparation of Research Proposal: In research coordinated by Institute Asst. Director Louis Goodman, Fellows Albert Dietz and Hasan Poerbo collaborated in developing a major research proposal seeking external funding for a cooperative research and development effort in the field of low-cost housing technology. The research will be done on a partnership basis initially involving five institutions, four in Asia and one in the United States.

Cooperating Institutions: University of the Philippines; Bandung Institute of Technology, (Indonesia); Asian Institute of Technology (Thailand); Korea Institute of Science and Technology; and the University of Hawaii.

ACTIVITY 3: Mini-Conference on Proposal with Project Directors from Cooperating Institutions: The primary objective of this mini conference was to finalize on a cooperative basis with the project directors from each of the cooperating institutions the preliminary housing proposal prepared by Institute Fellows Albert Dietz and Hasan Poerbo, and Institute staff. Another objective was to initiate planning for a proposed roving workshop tentatively

scheduled for January 1975. Roving Workshop I is an important component of a continuing series of programmatic activities in the Low-Cost Housing Technology area to further strengthen the embryonic network of cooperating institutions. (See list of participants, Appendix C).

Staff Project Team: Prof. Louis Goodman, project director, Fred Burian, Dr. Bruce Koppel, Harold Ajirogi.

Degree Scholar Participants: Syed Zaigham Jaffery, Juswadi Salija, Dharmaratne B. Wijekoon.

DEVELOPMENT TECHNOLOGY CENTER

This project concerns the organization of a Development Technology Center at the Bandung Institute of Technology (ITB) in Indonesia. The DTC will undertake projects which involve the adaptation and/or development of technologies relevant to small and medium scale industries in Indonesia. A five-year pilot project is anticipated.

ACTIVITY 1: Cooperative Refinement of DTC Plans and Projects

Fellows Involved in Activity: Prof. Hasan Poerbo

Staff Project Team: Dr. Manuel S. Alba, Prof. Louis Goodman

SMALL-SCALE ENTREPRENEURSHIP DEVELOPMENT

An important link in the process of technology adaptation and creation of new jobs is local entrepreneurship, both in the private sector and in government-supported enterprises. Risk-taking managers and developers in the small-scale, labor-intensive industries play a key role. In addition to professional development and research in the entrepreneurship field, the Institute studies and tests institutional and policy frameworks that promote the creation of conditions under which indigenous entrepreneurs would further technological adaption and generation of employment.

SHORT-TERM CONSULTANCY IN ENTREPRENEURSHIP

An analysis and evaluation of the entrepreneurship development component of the Institute's total problem concern, with particular attention paid to a more clearly defined programmatic framework.

ACTIVITY 1: Consultancy Evaluation: The Institute's subdivision area of Entrepreneurship was analyzed and evaluated by a private consultant with recognized national and international expertise in industrial economics--Richard Morse. He focused on the role of entrepreneurship in low-income societies, recommending two separate but closely related streams of research and professional development leading to course formulation and training of trainers. These two streams, or functions, central to employment generation, are 1) entrepreneurial expansion of specialized metal-machinery firms, and 2) entrepreneurial development of rural market centers. The recommendations will be planned and implemented by the consultant, who joined the Institute as a senior, full-time staff member in May, 1974.

ENTREPRENEURSHIP AND ADAPTIVE TECHNOLOGY

What is the role of local entrepreneurship in adapting technology to the needs of developing countries? A cooperative research program seeks to answer this question through case studies of the behavior of entrepreneurs and their firms in utilizing indigenous and imported technology.

ACTIVITY 1: Utilization of Indigenous Technology through Case Studies in Entrepreneurship: Two joint doctoral interns, Vaid Prakash and Luu Kim Tran, have been engaged in field research in Vietnam and India, respectively, on problems of local entrepreneurship. In particular, they have been focussing on 1) the utilization of indigenous technology by entrepreneurs, and 2) case studies of entrepreneurs and their ventures.

PUBLIC POLICY AND INSTITUTIONAL DEVELOPMENT

One of the most crucial problems in current developmental efforts is an inadequate capacity on the part of key indigenous leaders and institutions to initiate, implement and sustain various innovative policies and projects relevant to local social and economic needs. This thematic subdivision, therefore, focuses on developing alternative approaches to increasing the capabilities of people and organizations involved in developmental tasks of dispersing developmental momentum; generation and diffusion of adaptive technology; and nurturing indigenous entrepreneurs. Leaders and emerging groups of innovative enclaves in local governments, rural farmer organizations, subregional development organizations, universities and training institutions, and major science and technology centers from the cooperative networks for activities in this subdivision. During the fiscal year 1974, projects and activities undertaken in this problem-subdivision include:

REGIONAL ADAPTIVE TECHNOLOGY CENTER (RATC) PROGRAMS AT NON-METROPOLITAN UNIVERSITIES

A long-term, cooperative research-action program to harness and strengthen the indigenous capacities of a number of pioneering non-metropolitan university institutions to make more productive contributions to the further growth of small- and medium-scale industries-- particularly with respect to generation, adaptation and diffusion of appropriate technologies, management skills and policy framework. The RATC is seen as a foundation to carry out this innovative program thrust at a base university in active cooperation with relevant government agencies, clientele industries and various colleges and departments of the university.

Preliminary conceptualization of content and method of this project, as well as initial development of the cooperative institutional network, were completed in the previous year. During that year, four faculty members from each of the cooperating universities, i.e., Mindanao State University, Philippines; Hasanuddin University, Indonesia; and Yeungnam University, Korea, completed a six-month internship at the Institute during which they contributed to further refinement of concept and method.

It was with this background that activities during the report year were developed. Objectives of FY 74 activities were: (1) further clarification and joint refinement with interdisciplinary groups from the cooperating universities on concept and approach to identification of issues and potentials involved in establishing an RATC program at each university; (2) orientation for, and assurance from, top leaders of these universities to understand and support this joint venture; (3) conduct and analyze field surveys by university faculty teams on the potentials and feasibility of RATC program development; and (4) exchange and refine the findings and project proposal packages emerging from the field studies, through an international forum of multi-institutional participants. The following four activities represent this process in detail:

ACTIVITY 1: Seminar on Research Framework for Feasibility Study of RATC Programs in Non-Metropolitan University Context: July 5-21, 1973: Purpose of this 17-day working seminar was to operationalize and culminate the RATC concept into a workable form of action--research amenable to the individual faculties from each cooperating university. The approach taken in this context was first to divide various aspects of operational issues surrounding the RATC idea into four perspectives: Regional Development planning; Entrepreneurial Development; Technological Development; and Public Policy and Institution Building. This division helped provide not only conceptual handles, but also a guide for staffing the interdisciplinary field teams to be organized for each cooperating university. Accordingly, each team was composed of five members: a team head and four faculty members with substantive competence in one of those four perspectives. The role of the team head, who was already at the Technology and Development Institute as an intern, was to coordinate and integrate these four divisible perspectives into a consolidated plan for the university.

The working seminar, involving these five-man teams from each of the three universities, concentrated on orientation, discussion and exchange of ideas regarding 1) identification of key issues and 2) joint development of an operational strategy and delineation of instruments to conduct an eight-month field survey. The objective was to determine the potential for establishing RATC programs and if so, what kind of initial activities would be most beneficial.

In addition to the Institute's project staff, several fellows, degree scholars and resource persons from Georgia Tech Industrial Development Division were invited to assist in drawing up what were considered the common dimensions within a sub-problem area, a useful strategy for this kind of action-research, and in sharpening research tools.

What emerged from this 17-day seminar were three cohesive research plans, identifying critical issues together with research instruments to approach these issues. (See list of participants, Appendix C).

ACTIVITY 2: Seminar/Workshop on Innovative Leadership Action for Effective University-Community Interaction: July 23-27, 1973: This workshop cum seminar was organized to provide an opportunity for presidents, chancellors, deans and other top administrative leaders from both cooperative non-metropolitan universities and other institutions, known as highly innovative in their programs, to exchange views and experiences on priorities and alternative strategies, giving particular emphasis to the role of non-metropolitan/regional universities in community and regional development.

To get beyond mere presentation and discussion of participants' own cases, the concrete action proposals on RATC, developed by their own faculty teams, were presented for review and support. Participating executives endorsed the RATC concept and pledged full support to the joint effort in starting the RATC's.

The seminar, while showing that university executives can be "educated," also provided valuable insight into proceeding with a cooperative and innovative venture such as RATC. (See list of participants, Appendix C).

ACTIVITY 3: Cooperative Field Studies on Potentials and Feasibilities of RATC Programs: September 1, 1973 - April 30, 1974: Once research plans were worked out, and support and approval were pledged from executives of the respective universities, each of three faculty field teams launched their field survey activities.

Financial grants (\$10,000 for each team) from AID/Bangkok through the Regional Research Office as had been pre-arranged by the Institute, AID and the cooperative universities, was crucial in facilitating the eight-month survey.

Each team was able to develop a survey task-force of 10 to 25 faculty and support staff members under the blessing of each respective executive. Each team was also able to bring in a number of able consultants from relevant action organizations and other centers of excellence within its own country.

During this phase, four Technology and Development Institute project staff provided backup support and consultancy to the field teams as well as to the administrative leaders of the universities.

By the end of April, 1974, field teams had completed their field studies and prepared final reports.

ACTIVITY 4: Seminar on Feasibility of RATC Programs at Non-Metropolitan Universities: May 27 - June 14, 1974: The main objectives of the three-phased seminar cum workshop were fourfold: (1) to discuss and exchange findings of the eight-month field study on potential and feasibility of RATC programs undertaken at the three participating universities; (2) to discuss and refine action proposals prepared for the emerging RATC's, with joint input from participating universities, respective government policy-makers, possible external funding agencies, as well as with the ideas of the Institute's project team and resource persons; (3) to stimulate the planning of a similar venture in at least one of the U.S. counterpart universities; and (4) to discuss and lay out a skeleton plan for a future course of action in the next stage of development for each of the joining parties in the cooperative RATC program network.

The first week of the seminar was organized in the form of a pre-planning workshop where the only three field team heads were joined by the Institute's project team—to examine and consolidate the critical issues and recommendations made in their reports.

The second week, the main occasion where the presidents of the participating universities, government representatives of the respective countries, representative scholars from centers of excellence in their metropolitan counterparts, and interested international foundation representatives, met together with the field team heads and the Institute's joint project team members to discuss merits and demerits of the findings and strategies to establish RATC programs. A few representatives from two U.S. candidate universities were also invited to participate in the discussion, and to present their approaches toward a similar venture.

It was during this seminar that the concept, approaches and resultant program proposals for emerging RATC's were enthusiastically supported. Maximum possible support, financial or otherwise, were pledged during discussions with respective government agencies, and counterpart centers of excellence.

Most important, however, was the reinforcement of confidence expressed by top decision-makers, especially presidents of participating universities, in the reason for, and approach to establishment of emerging RATC's.

With the firm acceptance of major parts of the field reports and proposals by the end of the second week, the third week was devoted to the field project coordinators in evaluating the main seminar and incorporating ideas into a plan of action for each cooperating party in the future.

At this point, the joint RATC project moved from conception and feasibility studies, to the second phase of operational development in implement action proposals which emerged from the first phase. For a further detailed information on the process and output of this project, refer to the Proceedings, available from the Technology and Development Institute. (See list of participants, Appendix C).

Cooperating Institutions: See list of institutions with participants, Appendix C.

Fellows Involved in One or More Activities: Dr. George Beal, Dr. George S. Duggar, Dr. Frans Gerritsen, Dr. Paul Hebert, Dr. Peter Kilby, Dr. Richard Peterson, Dr. Richard Suttmeier, Dr. Harsono Taroepratjeka, Dr. Willem Waworoentoe and Dr. Pan Yotopoulos.

Staff Project Team: Dr. Young-whan Hahn, project director, Dr. Bruce Koppel, Prof. Louis Goodman, Fred Burian and Harold Ajirogi.

Degree Scholar Participants: Moon-Suk Ahn, Ka-chang Lee, Ali Macawaris, Federico Magdalena, Sangwan Phamwan, Camar Umpa, Thavan Voratheputipong, and Byung-Tae Yoon.

LEADERSHIP STRATEGY IN DEVELOPMENT PROJECT MANAGEMENT

This project aims to develop, systematize and disseminate information about the dynamics of leadership strategy in the process of search, formulation, implementation and evaluation of various developmental projects in a given local, political or socio-economic context.

Aiming the broad issues related to increasing administrative capacity for furthering socio-economic development, and the strategic skills and perspective of institutional or project leadership, are considered most critical since it is the leader who controls and manipulates the source of all effective innovation within his/her respective institution and its immediate surroundings.

This problem of administrative capacity is felt to be a severe issue, since many governments and their institutions are engaged more and more in initiating and institutionalizing developmental projects.

A couple of pioneering institutions of advanced management education in Asia are eager to develop viable programs for their own educational and training needs of high development managers in both public and private institutions.

In recognition of this need, the Institute has begun development of conceptual framework and methodology on this project through a research seminar (1972), two pilot workshops for public leadership (1972 and 1973) and several research activities by staff, fellows and a number of graduate students. Feedback from their pilot activities further confirm the need and feasibility of a more coherent project of cooperative research and dissemination of the alternative leadership strategies in the systematic process of managing developmental projects. Activities undertaken during the report year in this project included the following:

ACTIVITY 1: Public Leadership Workshop II: October 15 - 26, 1973: About twenty-four mayors, governors, university executives and heads of local/regional development organizations from Asia, the Pacific and the U.S. joined a group of resource persons for a two-week workshop to exchange ideas and experiences on the critical issues involved in conducting various developmental projects.

Specific emphasis of the workshop was on the following: 1) to broaden perspectives of leaders to conceive linkages of their project/organizations with other systems in their immediate environment; 2) to consider provisions for better services to the community or clientele as a criterion of good leadership; 3) to consider integration and utilization of cultural values such as religion, traditions and other symbolic means for support and delivery of developmental programs; and 4) to explore the various methods of motivating people.

The basic approach toward these objectives was to let the participants present their own concrete cases with these emphases, followed by extensive discussion by fellow participants and resource persons. During the latter part of the workshop, group methods were utilized primarily as a vehicle for self-awareness and mutual learning.

At the end of the workshop, each participant was requested to revise his original case report with regard to any new way of handling a specific point or task--as evidence of mutual learning during the workshop. Almost every participant was able to make a revision involving the aspects of new linkage cultivations, clearer target setting, increased staff support and client support, and implementation and evaluation methods, in that order of emphasis.

Case reports and their revisions provided a boundary of critical issues which will be focused by the cooperative research network to be established. (See list of participants, Appendix C).

ACTIVITY 2: Case Material Development on Leadership Strategies for Development Projects: September 1, 1973 - June 30, 1974: In order to be effective in developing and disseminating understanding of leadership strategy, a necessary cooperative research program was undertaken. This aspect of the project was particularly important not only to have more successful workshops for leaders, but also for long-range development of educational materials for the Developmental Leadership Strategy Course at the cooperating network of advanced management education institutes.

Major components of the cooperative research activity during the report year included clarification of basic framework and issues involved in the generic process of development of the project.

To consider the elusive nature of any development project--such as a high action-orientation, or an immediate goal-orientation--a major research question focused on visualizing somewhat divisible phases of a project life-cycle (i.e., initiation, execution and termination) and on finding most crucial tasks in each phase: e.g. linkage cultivation and maintenance, target setting, staff support, client support, implementation and evaluation.

In this context the research activity had a close relationship with the series of professional development workshop under this project.

A framework paper authored by Institute Fellow Suk-choon Cho, with assistance from Hahn and Kirtiputra, entitled "Building Cases on Leadership Strategies for Development Projects: Enquiries and Illustrative Cases" presents more detail about this activity.

In addition, Hahn is preparing a monograph on broader aspects of leadership innovation, based upon earlier field work on public and business institutions in Korea.

Cooperating Institutions: (Active) UH Political Science Department, USA; Seoul National University, Graduate School of Public Administration, Korea; National Institute of Development Administration, Thailand. (Emerging) Development Academy of the Philippines; Center for Economic Development and Administration, Nepal; University of Pittsburgh, USA.

Fellows Involved in Project Activities: Dr. Suk-choon Cho, Dr. Pharani Kirtiputra, Dr. Paul Hebert, Dr. Richard Grable.

Staff Project Team: Dr. Young-whan Hahn, project director, Dr. Bruce Koppel, Dr. Suk-choon Cho, Harold Ajirogi.

RURAL INTERMEDIARY ORGANIZATIONS IN THE PROCESS OF TECHNOLOGY TRANSFER TO THE SMALL FARM SECTOR

Objective is to enhance the capacity of several institutions of higher learning in Asia to undertake research, education and training on problems in rural development. In particular, project activities are designed to provide an opportunity for U.S. and Asian scholars to interact in acquiring a better understanding of how institutions can be created in the rural sector for the transfer of technology to the small farmer. Policy-oriented research is needed in this area and the project objectives entail an emphasis upon activities which meet this need. Linkages between the Institute and several Asian universities, as well as local governmental authorities and agencies involved in rural development will become an integral part of project design.

ACTIVITY 1: Workshop on the Role of Rural Institutions in Technology Transfer for the Small Farm Sector: This workshop explored various innovative forms of social organization which allow small farmers to collectively utilize indivisible technology. Particular attention focused on structural linkages between sources of technology and the small farm sector, i.e., those intermediary organizations which stand somewhere between the village itself and larger units of action with the public and private sector. Results served to highlight the need for research in this area and provided an opportunity for several of the Asian participants to formulate an initial project plan for mutually exploring the various problems involved in technology transmission to the rural sector. (See list of participants, Appendix C).

Participating Institutions: Rajshahi University, Bangladesh; Gadjah Mada University, Indonesia; Central Philippines University Department of Community Development and Local Affairs; Department of Trans-migration and Cooperatives, Indonesia; Ohio State University, USA; International Bank for Reconstruction and Development; University of Minnesota, USA; Alabama A & M University, USA; Development Alternatives, Inc., USA; Agricultural Development Council; Asia Center for Development Administration.

Fellows Involved in Activity: Dr. Pan Yotopoulos, and Dr. Kusum Nair, Visiting Researcher, East-West Center Food Institute.

Staff Project Team: Dr. Gary Hansen, project director, and Dr. Bruce Koppel.

APPENDIX A

1974 Program Matrix
East-West Technology and Development Institute

Subdivision	Employment-Oriented Development Planning	Technology Adaptation	Small-Scale Entrepreneurship Development	Public Policy and Institutional Development
<u>Project</u> Activity	<u>Planning Development of Engineering Industries</u> 1. Pilot study of Philippines metal fabricating industry <u>Trade, Technology and Employment</u> 1. Trade and Employment in Korea and the Philippines <u>Project Feasibility Study and Evaluation</u> 1. Project feasibility and evaluation workshop <u>Regional Development - South Pacific</u> 1. Impact of tourism on the development of Pacific Island countries	<u>Low-Cost Housing Technology</u> 1. Feasibility, design and implementation of low-cost housing for low income families 2. Research on low-cost housing as basis for cooperative preparation of research proposal 3. Mini-conference on proposal with project directors from cooperating institutions <u>Development Technology Center</u> 1. Cooperative refinement of DTC plans and projects	<u>Short-Term Consultancy in Entrepreneurship</u> 1. Consultancy Evaluation <u>Entrepreneurship and Adaptive Technology</u> 1. Utilization of indigenous technology through case studies in entrepreneurship	<u>Regional Adaptive Technology Center (RATC) Programs and Non-Metropolitan Universities</u> 1. Seminar on research framework for feasibility study of RATC programs in non-metropolitan university context 2. Seminar/workshop on innovative leadership action for effective university community interaction 3. Cooperative field studies on potentials and feasibilities of RATC programs 4. Seminar on feasibility of RATC programs at non-metropolitan universities <u>Leadership Strategy in Development Project Management</u> 1. Public leadership workshop II 2. Case material development on leadership strategies for development projects <u>Rural Intermediary Organizations in the Process of Technology Transfer to the Small Farm Sector</u> 1. Workshop on the role of rural institutions in technology transfer for the small farm sector
Staff Assigned to Subdivision	J. Richards, M. Alba, R. Morse, L. Goodman, B. Finney, H. Ajirogi	L. Goodman, M. Alba, F. Burian, B. Koppel	R. Morse, B. Finney, M. Alba, H. Ajirogi	Y.W. Hahn, G. Hansen, B. Koppel, L. Goodman, F. Burian, H. Ajirogi
Fellows and Short-term Consultants Assigned to Subdivision	Kikutaro Takizawa, Pan Yotopoulos, Youngil Lim	Albert Dietz, Hasan Poerbo, George Duggar, Frans Gerritsen	Robert Buchele, Richard Peterson, Peter Kilby, Richard Morse	Paul Hebert, Suk Choon Cho, Pharani Kirtiputra, Richard Gable
PD Participants	52	37		100
Degree Students	14	31	12	25

APPENDIX B

East-West Technology and Development Institute

FELLOWS

(Note: Activities of Fellows are reported in greater detail in the narrative section of the Institute, especially as their activities relate to Institute projects)

Employment-Oriented Development Planning

LIM, Dr. Youngil, Associate Professor, Department of Economics, University of Hawaii. (1/1/73 - 12/31/73)

Research: Conducted an extensive research project on labor absorption and export oriented growth in Korea, results to be published as an Institute paper.

TAKIZAWA, Dr. Kikutaro, Professor of Economics, Nagoya University, Japan. (3/21/73 - 8/20/73)

Research: Continued research on role of small-scale industry in the economic development of Japan. Also began a comparative study of the role of small-scale industry in the development of Japan, Great Britain and the United States. He consulted at length with Institute staff concerning field research projects in this subject area, and he presented his research findings in an Institute seminar.

YOTOPOULOS, Dr. Pan, Professor of Economics, Food Research Institute, Stanford University, Palo Alto, California. (1/1/74 - 8/31/74)

Research: Conducted research on effects of development policies on agricultural growth and income distribution in three countries: Thailand, Taiwan, and Malaysia. He presented the results at an Institute seminar and also gave a lecture on an evaluation of the tools and record of economic development.

Technology Adaptation

DIETZ, Dr. Albert, Emeritus Professor of Building Engineering, School of Architecture and Planning, Massachusetts Institute of Technology, Cambridge, Massachusetts. (9/1/73 - 1/31/74)

POERBO, Prof. Hasan, Head, School of Architecture, Institute of Technology, Bandung, Indonesia. (9/1/73 - 1/31/74)

Research: Both collaborated with Institute staff in the development of a major research proposal seeking external funding for a cooperative research and development effort in the field of low-cost housing technology. The primary objective calls for cooperative action-oriented research and development in low-cost housing materials, design and construction for low-income

families. The research will be done on a partnership basis involving institutions in both Asia and the United States. Prof. Poerbo also prepared a paper for the Institute on "Some Observations on the Development of the Construction Industry in Indonesia After 1968." Dr. Dietz presented a number of lectures on such timely topics as "Housing in Latin America" and "Plastics as Building Materials" before the Departments of Architecture and Civil Engineering, University of Hawaii.

DUGGAR, Dr. George S., Former Director of the United Nations Centre for Regional Development, Nagoya, Japan, and Professor of Urban Affairs, Graduate School of Public and International Affairs, University of Pittsburgh. (7/1/73 - 8/15/73 and 2/14/74 - 3/31/74)

Research: Completed comparative study of public policy for low-income housing in Asia as part of a book on housing policies, based on studies in Asia under a grant from the Southeast Asia Development Advisory Group of the Asia Society.

Small-Scale Entrepreneurship Development

BUCHELE, Dr. Robert, Professor, College of Business Administration, University of Hawaii. (7/27/73 - 8/31/73)

Research: Revised and updated his monograph on "Entrepreneur Development as a Tool for Economic Growth," a manuscript initially written in 1972 while an Institute Fellow. Assisted in preparation of courses on entrepreneurship in the College of Business Administration, University of Hawaii.

KILBY, Dr. Peter, Associate Professor, Department of Economics, Wesleyan University, Middletown, Connecticut. (1/22/73 - 8/31/73)

Research: Focused on interactions between agriculture and manufacturing in the early stages of economic development, plus the history of manufacturing in colonial Africa. Presented paper "Techno-Economic Factors in the Farm Equipment Industry in India, Taiwan and West Pakistan" to Institute Workshop on Entrepreneurship and Adaptive Technology. Presented lectures on entrepreneurship to classes in the Department of Anthropology and the Business School. Preliminary research on technology transfer and the light engineering industry in Taiwan. Prepared a book with Bruce Johnston, "Agricultural Strategy in Late Developing Countries," Oxford University Press, forthcoming.

ETERSON, Dr. Richard, Associate Professor, College of Business Administration, University of Hawaii. (7/1/73 - 8/31/73, 12/18/73 - 1/18/74, 6/1/74 - 6/30/74)

Research: Collaborated with TDI staff in research on entrepreneurship as a basis for preparation and teaching a course on economics of entrepreneurship at the College of Business Administration, University of Hawaii. Co-authored article with Dr. K.K. Seo, "Benefit Cost Analysis for Developing Countries: A Decision Tree Approach," to be published in a forthcoming issue of "Economic Development and Cultural Change."

Public Policy and
Institution Development

CHO, Dr. Suk-Choon, Professor, Graduate School of Public Administration, Seoul National University, Korea. (9/1/73 - 2/28/74)

Research: Assisted Institute staff (Drs. Young-whan Hahn and Bruce Koppel) in the planning and implementation of Public Leadership Workshop II, held in October 1973. Served as Co-Director and assumed major role in actual conduct and evaluation of the Workshop. Assisted Institute staff in establishing the basic parameters for future Institute efforts in the public leadership area, authored paper on "Building Cases on Leadership Strategies for Development Projects: Enquiries and Illustrative Cases."

GABLE, Dr. Richard, Professor of Political Science, University of California at Davis. (6/15/72 - 8/27/73)

Research: Conducted comparative research program in rice administration, including studies of administration of programs in rice production and the variables which contribute to efficacious administration. Empirical model, efficacious development administration tested in Korea, Thailand, Indonesia and the Philippines. Conducted interviews in each country using carefully prepared interview schedule, plus interpretation and analysis of data.

HEBERT, Brother Paul (FSC), Vice President for Development, De La Salle College, Manila, Philippines. (1/1/74 - 6/15/74)

Research: Conducted evaluative review of previous professional development projects, as a basis for future integration of training activities in the context of the Institute's total problem concern; contributed as advisor to on-going planning activity of current Institute programs; resource person in the Project Feasibility and Evaluation Workshop, and Seminar on Feasibility of RATC Programs at Non-Metropolitan Universities.

KIRTIPUTRA, Dr. Pharani, National Institute of Development Administration, Thailand. (9/1/73 - 12/31/73)

Research: Assisted Institute staff (Drs. Young-whan Hahn and Bruce Koppel) in the planning and implementation of the Public Leadership Workshop II held in October 1973. Worked with Institute staff to establish the basic parameters for future Institute efforts in the public leadership area.

Short-Term
Consultants

GERRITSEN, Dr. Frans, Professor and Chairman of Ocean Engineering, University of Hawaii. (7/1/73 - 8/31/73)

Research: Prepared position paper on "The Use of Ocean Technology in Programs for Developing Nations." The major foci of this position paper were concerned with (1) present and future ocean technologies of special interest to developing countries, and (2) a potential role of the East-West Technology and Development Institute, and the University of Hawaii in developing and coordinating marine technology programs in the future.

MORSE, Richard, Private Consultant in Industrial Economics, Andover, Massachusetts. (9/16/73 - 10/27/73)

Research: Analyzed Institute's thematic area of Small-Scale Entrepreneurship Development and its context in the overall thematic framework of the Institute. Particular attention was devoted to evolving a more clearly defined programmatic framework for entrepreneurship development component of the Institute's total problem concern.

APPENDIX C

East-West Technology and Development Institute

PROFESSIONAL DEVELOPMENT PARTICIPANTS

Project Feasibility Study and Evaluation Workshop

Participants

ALI, Masjhud, Senior Loan Officer, Development Bank of Indonesia.
 ARUNANONDCHAI, Sunthorn, Executive Director, Thailand Investment and Securities.
 CHICO, Leon V., Director, Institute for Small-Scale Industries, University of the Philippines.
 FARUQUI, Z.D., Chief, Programming Section, Pakistan Planning Commission.
 HAHN, Young-ki, Assistant Professor of Economics, University of Hawaii at Hilo, USA.
 HARDJONO, Rieny, Planning Programmer, National Family Planning Coordinating Board, Indonesia.
 KAMBHU, Thongsri, First Class Instructor, National Institute of Development Administration, Thailand.
 LEE, Pan-Young, Deputy Manager of Research, The Medium Industry Bank, Korea.
 LEE, Yung-San, Research Fellow, The Institute of Economics, Taiwan.
 LUKAS, Paliau, Economist, Central Planning Office, Papua New Guinea.
 OJHA, Durga Prasad, Senior Research Officer, Centre for Economic Development and Administration, Tribhuvan University, Nepal.
 OUH, Yoon Bae, Associate Professor, Soong Jun University, Seoul, Korea.
 PANGELINAN, Vincent K., Assistant Manager, HO Management Branch, Transportation Division, Mariana Islands.
 RAO, P. Prabhakar, Ministry of Housing and Urban Development, India.
 WANG, Sianglin, Division Director, Industrial Development Development Bureau, Ministry of Economic Affairs, Taiwan.
 YAHAYA, Samad, Director, Business Development Division, Urban Development Authority, Malaysia.

Tourism Impact on Development of Pacific Island Countries

Participants

ARTHUR, Robert, General Manager, U Corporation, Ponape.
 ASHMAN, Michael, Chief of Tourism Branch, Mariana Island.
 COWAN, George, Chief Surveyor/Town Planner, Survey Department, Ministry of Land Development, Cook Island.
 EMORY, Kenneth, Professor, Bishop Museum, Honolulu, USA.
 FAI'IVAE, A. Galeai, Director of Tourism, Office of Tourism, American Samoa.
 FORCE, Roland, Director, Bishop Museum, Honolulu, USA.
 FOX, Morris, Private Consultant, Former UN Advisor to South Pacific Commission, USA.
 FUKUNAGA, Larry, EWTDI Degree Scholar.
 GUERRERO, J.M., Tourism Specialist, Department of Resources and Development, Mariana Island.

HAMILTON, Thomas, Special Advisor to Trustees, Bernice Pauahi Bishop Estate, USA.
 HEINE, Carl, EWTDI Degree Scholar.
 HILLER, Herbert, Assistant Professor of International Affairs, College of Arts & Science, Florida International University, USA.
 HURD, Jane, EWCLI Degree Scholar.
 INSKEEP, Edward, Project Planner, Belt Collins and Associates, Honolulu, USA.
 KELLY, John, President, Save Our Surf, Honolulu, USA.
 KENT, Noel, Instructor, UH Ethnic Studies, USA.
 KLOKE, Cort, EWTDI Degree Scholar.
 LEFEVRE, Tony, Lecturer in Economics, University of South Pacific, Fiji.
 LOCKWOOD, Brian, Senior Lecturer in Economics, University of South Pacific, Fiji.
 MACDONALD, Taylor, Professor, Church College of Hawaii, USA.
 MARK, Shelley, Director, Hawaii Department of Planning and Economic Development, USA.
 MAY, Ron, Field Director, New Guinea Research Unit.
 METELKA, Charles, Assistant Professor, UH Travel Industry Management, USA.
 OLANDER, Joseph, Associate Dean, College of Arts & Science, Florida International University, USA.
 RITCHIE, James E., Dean of Social Science, University of Waikato, New Zealand.
 ROBINEAU, Claude, Director of Research, Centre ORSTOM de Papeete, Tahiti.
 SAMY, John, Planning Officer, Central Planning Office, Fiji.
 SHARPSTON, Michael, International Bank for Reconstruction and Development, USA.
 STANTON, Max, Professor, Church College of Hawaii, USA.
 TAMASESE, Piliopo, Tourist Promotion Officer, Department of Economic Development, Western Samoa.
 TUPOUNIUA, Sione, Lecturer, University of South Pacific, Fiji.
 WEAVER, Dan, Executive Director, State of Hawaii Commission on Year 2000, UH, USA.

Workshop on Feasibility, Design and Implementation of Low-Cost Housing for Low-Income Families

Participants

ALFEREZ, Prof. Vicente N., Assistant Professor, College of Engineering, Mindanao State University, Philippines.
 BUNYARAKSH, Dr. Sakda, Managing Director, SPA Co., Ltd., Thailand.
 CROWTHERS, Lee A., Staff Architect, Government of American Samoa, Department of Public Works.
 DIETZ, Dr. Albert, Professor of Building Engineering, Massachusetts Institute of Technology, USA.
 FAISON, Thomas K., Project Manager, Performance Standards and Evaluation, National Bureau of Standards, USA.

HIGHT, Charles C., Head, Department of Architecture, Tuskegee Institute, USA.

JANG, Dr. Sung Do, Head, Ceramic Materials Laboratory, Korea Institute of Science and Technology.

KIM, Pil Kyoon, Manager, Department of Engineering, Korea Housing Corporation.

LEE, Dr. Seng-Lip, Professor and Chairman, Division of Structural Engineering and Mechanics, Asian Institute of Technology, Thailand.

LEE, Shu-you, Chief, Housing and Public Works Section, Urban Development Department, Council for International Economic Cooperation and Development, Taiwan.

MANAHAN, Prof. Geronimo V., Assistant Professor of Architecture and Planning, College of Architecture, University of the Philippines.

NAIKER, Utkatu, Director and Executive Secretary, Fiji Housing Authority.

NELLIS, Warren R., Staff Associate, Building Research Advisory Board, National Academy of Sciences, USA.

PESINI, Mila F., Building Inspector, Public Works Department, Western Samoa.

PILLAY, Prof. R.K., Faculty of Engineering University of Malaya.

ROTHOLZ, Josef, Chief of Civil Engineering, Community Development Technical Advisor, Community Development Headquarters, Mariana Islands.

SIOFELE, Papu S., Construction Estimator, Government of American Samoa, Department of Public Works.

SLAMET, Tato, Faculty Member, University of Indonesia, Architect/Engineer.

SLATE, Dr. Floyd O., Professor of Civil Engineering, Cornell University, USA.

SOSTHIKUL, Kobchai, Managing Director, Southeast Asia Construction Co., Ltd., Thailand.

SUMINTARDJA, Djauhari, Chief of Division, Regional Housing Center, Indonesia.

SURIYAMONGKOL, Dr. Suthum, Lecturer, Department of Civil Engineering, Chulalongkorn University, Thailand.

Mini-Conference on Low-Cost Housing Proposal

Participants

HO, Dr. Peter, UH Civil Engineering, USA.

JANG, Dr. Sung Do, Korea Institute of Science and Technology.

LEE, Dr. Seng-Lip, Asian Institute of Technology, Thailand.

NIELSEN, Dr. N. Norby, UH Civil Engineering, USA.

POERBO, Prof. Hasan, Bandung Institute of Technology, Thailand.

TABUJARA, Dr. Ernesto, University of the Philippines.

Participants from TDI

ALBA, Dr. Manuel, Director.

BURIAN, Fredrich, Media Specialist.

DIETZ, Dr. Albert, Fellow.

GOODMAN, Prof. Louis, Assistant Director.

KOPPEL, Dr. Bruce, Research Associate.

Seminar on Research Framework for Feasibilities (RATC)

Case Study Teams

Indonesia - Hasanuddin University

SANGKA, Samuel, Dean of Engineering.

LATANRO, Dean, Faculty of Economics.

UNDAP, J.S.G., Head, Planning Bureau.

WALINONO, Hasan, Dean, Faculty of Socio-Political Science.

Korea - Yeungnam University

KIM, Gyung-Chan, Associate Professor, Civil Engineering.

CHOI, Sun Ho, Professor, Department of Mechanical Engineering.

KIM, Jong-Sup, Chairman, Department of Public Administration.

PARK, Sung Kyu, Associate Dean, Graduate School of Business Administration.

YOON, Il-Hong, Associate Professor, Department of Economics.

Philippines - Mindanao State University

IGNACIO, Rufino, Dean, College of Engineering.

ALFECHÉ, Fortunato, Professor, College of Engineering.

CANEDO, Fulgencio, Assistant Professor, College of Community Development and Public Administration.

LUCMAN, Alexander, Director, Institute of Regional Planning.

RAMISCAL, Erwin, Instructor, College of Business Administration.

USA - Georgia Institute of Technology

WARD, William, Head, Industrial Services Branch, Industrial Development Division.

Seminar/Workshop on Innovative Leadership/RATC

Participants

CARLSON, Ealter, Dean, Southern Technical Institute, USA.

CHUNG, Ki-Ho, Dean, College of Engineering, Yeungnam University, Korea.

DESAI, Ashok, Professor of Economics, University of South Pacific, Fiji.

HAFID, A., Rector, Hasanuddin University, Indonesia.

HAMMOND, Ross, Chief, Industrial Development Division, Georgia Institute of Technology, USA.

IGNACIO, Rufino, Dean, College of Engineering, Mindanao State University, Philippines.

KALAKICHA, Bimala, Rector, Khon Kaen University, Thailand.

KIM, Gyung-Chan, Assistant Dean, College of Engineering, Yeungnam University, Korea.

LEE, Hahn-Been, President, Soong Jun University, Korea.

LEE, Sun Keun, President, Yeungnam University, Korea.

LEE, Yun Keun, Dean, College of Business Administration, Yeungnam University, Korea.

MAKALIWE, W.H., Chief, Research Affairs Department, Hasanuddin University, Indonesia.

MIRAVITE, Q.F., Vice-President, Development and External Affairs, Mindanao State University, Philippines.

MIWA, Paul, Chancellor, UH Continuing Education, USA.

PINNOCK, Theodore, Director, Human Resources Development Center, Tuskegee Institute, USA.

SANGKA, Samuel, Dean, College of Engineering, Hasanuddin University, Indonesia.

WANG, James, Chairman, Political Science and International Studies, UH at Hilo, USA.
WEIDNER, Edward, Chancellor, University of Wisconsin-Green Bay, USA.

Observer

BROWN, Theodore, Agency for International Development, USA.

Seminar/Workshop on Feasibility of Regional Adaptive Technology Center (RATC) Programs at Non-Metropolitan Universities

Participants

AMIRUDDIN, Dr. Achmad, Rector, Hasanuddin University, Indonesia.
BARING-GOULD, Dr. Michael, Department of Sociology, University of Alaska, USA.
BELL, Dr. Martin, Senior Fellow at University of Sussex, International Development Research Center, Canada.
BORANSING, Dr. Manaros, Dean, Iligan Institute of Technology, Mindanao State University, Philippines.
HAHN, Dr. Youngki, Associate Professor, Department of Economics, UH at Hilo, USA.
IGNACIO, Prof. Rufino, Assistant V.P. & Dean, College of Engineering, Mindanao State University, Philippines.
KIM, Prof. Gyong-chan, Associate Dean of Engineering, Yeungnam University, Korea.
LEE, Dr. Ingi, President, Yeungnam University, Korea.
LEWIS, Dr. Jerry, Associate Director, Industrial Development Division, Georgia Institute of Technology, USA.
MATAYOSHI, Mary, Director, Continuing Education, UH at Hilo, USA.
MEEHAN, Dr. Robert, Office of Regional Development, Bureau for Supporting Assistance, USAID, USA.
MIWA, Dr. Paul, Chancellor, UH at Hilo, USA.
MOEGIADI, Assistant Director, Board of Educational Development, Indonesia.
MORALES, Dr. Horacio, Jr., Executive Officer, Development Academy of the Philippines.
PANGGOGA, Attny. Nombraan, Regional Director for Northern Mindanao, National Cottage Industry Development Authority, Philippines.
RUSGAL, Milandre, Assistant Director for University Development, Philippines.
SANGKA, Prof. Samuel, Dean of Engineering, Hasanuddin University, Indonesia.
SHIN, Dr. Hanpoong, Researcher, Programs on Science, Technology and Society, Korea Advanced Institute of Science.
STEINBERG, Dr. David, Regional Research Coordinator, Office of Regional Affairs, Thailand.
TONG, Donald, County Planning Office, Hilo, USA.
UMH, Byung-kun, Director of Planning and Coordinator, Gyongsangpukdo Provincial Government, Korea.
WAWOROENTOE, Dr. Willem J., Director, Development, Technology Center, Institute of Technology at Bandung, Indonesia.
WOLFE, Dr. Wendall, Dean, Senior College, University of Alaska, USA.

Workshop on Community Leadership and Interaction

Participants

ABDULLAH, Ibrahim, District Officer, Nibong Tegal, Malaysia.

ALLEN, William, Chief, Community Development, Saipan, Mariana Islands.
BOLATAGICI, Peni, Secretary, Rukua, BEQA Islands, Fiji.
CABILI, Camilo, Mayor, Iligan City, Philippines.
CIVILIZE, Sunthorn, Municipal Councillor, Chiangmai Municipality, Thailand.
DUMLAO, Hermenegildo C., Assistant to the President, University of the Philippines.
FORD, Johnny, Mayor, City of Tuskegee, Alabama, USA.
HONG, Soon Cheul, Commissioner, Busan City Board of Education, Korea.
ISMAIL, Zainal bin Haji, Director of Training and Manpower, Development Authority for Pahang Tenggara, Malaysia.
JOHNSTONE, Arthur, Director, Social Services, Honolulu, USA.
KAMALUDDIN, Dr. Rustian, Dean, Faculty of Economics, Andalas State University, Indonesia.
KAO, Yu-Jen, Magistrate, Tainan County, Taiwan.
KIM, Sam-Ju, County Chief, Jeong Eup County, Korea.
KO, Wen-Fu, Magistrate, Pingtung County, Taiwan.
LUCMAN, Tarhata Alonto, Governor, Province of Lanao del Sur, Philippines.
MATAYOSHI, Mary, Director, Continuing Education, UH at Hilo, USA.
PARK, Chong Kyu, Director of Planning & Coordination, Kyungsang Pukto Provincial Government, Korea.
PHONGNUR, Suchan, Community Development Provincial Officer, Choburi City Hall, Thailand.
TAMANO, Maanyag, President, Mindanao State University, Philippines.
WARAWICIRAWONG, Suwicha, Instructor, National Institute of Development Administration, Thailand.
YUNUS, Mohammad, Member of District Council, Bogor Regency, Indonesia.

Role of Rural Institutions in Technology Transfer for the Small Farm Sector

Participants

ADAMS, Dr. Dale W., Professor of Agricultural Economics & Rural Sociology, Ohio State University, USA.
BINSWANGER, Dr. Hans, Associate Agricultural Development Council, USA.
ESPADA, Dr. Wilfredo, Dean, School of Agriculture, Central Philippines University.
INAYATULLAH, Dr., UN Expert, Asia Centre for Development Administration, Malaysia.
KRISHNA, Dr. Raj, Sr. Economist, Employment & Rural Development Division, International Bank for Reconstruction & Development, USA.
MICKELWAIT, Dr. Donald, President, Development Alternatives, Inc., USA.
MORSS, Dr. Elliott R., Director of Research, Development Alternatives, Inc., USA.
NAIR, Kusum, Visiting Researcher, East-West Food Institute, USA.
QADIR, Dr. Syed, Director, Rajshahi University, Institute of Bangladesh.
RAUP, Dr. Philip, Professor of Agricultural and Applied Economics, University of Minnesota, USA.
SACAY, Orlando, Undersecretary, Department of Community Development & Local Affairs, Quezon City Hall, Philippines.
SOEDJONO, Ibone, Director General of Cooperatives, Department of Trans-migration and Cooperatives, Indonesia.

SOETRISNO, Loekman, Secretary, Institute of Rural and Regional Studies, Gadjah Mada University, Indonesia.

WHEELLOCK, Dr. Gerald, Associate Professor of Agribusiness Education, Alabama A & M University, USA.

YOTOPOULOS, Dr. Pan A., EWTDI Fellow, USA.

Professional Development Internships

The Institutes Professional Internship Program provided individualized programs of activities for young promising faculty and administrative staff from universities, government agencies and the private sector, involved and concerned about regional and community development. Primary objective is to develop skills and knowledge in developing, planning and implementing research and training activities and develop leadership potentials through involvement in the Institute's program activities, such as the development and planning of workshops, seminars and conferences and through directed activities and readings under the guidance of Institute staff and Fellows in their particular areas of interest and expertise. They may also be assigned to Hawaii-based administrative program units or audit courses at the University of Hawaii.

Participants

LUCMAN, Alexander, Acting Director, Institute of Regional Planning and Assistant Professor, Mindanao State University, Philippines.

KIM, Gyong-Chan, Associate Professor, Yeungnam University, Korea.

SANGKA, Samuel, Dean, Technical Faculty, Hasanuddin University, Indonesia.

Joint Doctoral Research Internships

This is a new program, designed for promising young people who have completed their Ph.D coursework and examinations, and wish to undertake dissertation research on subjects related to the area of technology and development. The research intern is, therefore, concerned and involved with any one of the Institute's on-going projects.

Participants

DEAN, Genevieve, an American citizen working for her doctorate at the University of Sussex.

PRAKASH, Vaid, an Indian national working for his doctorate at the University of Southern California.

TRAN, Luu Kiem, a South Vietnamese national working for his doctorate at George Washington University.

APPENDIX D

East-West Technology and Development Institute

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. AHMAD, Suhail	Pakistan	MA	Mech. Engr.
2. AHN, Chee-Young	Korea	MA	Social Work
3. AHN, Chung-Si	Korea	PHD	Polit. Sci.
4. AHN, Moon-Suk	Korea	MA	Info. Sci.
5. ARSALA, Turyalay	Afghanistan	MA	Polit. Sci.
6. ATTAVAVUTICHAJ, Sukum	Thailand	PHD	Econ.
7. BEHNAWA, Abdul S.	Afghanistan	MA	Civil Engr.
8. BHAT, K. V. Subramanya	India	PHD	Elect. Engr.
9. BRARA, Arvinder S.	India	MA	Bus. Ad.
10. CHEEMA, G. Shabbir	Pakistan	PHD	Polit. Sci.
11. CHENG, Agnes C.C.W.	Rep. of China	MA	Social Work
12. CHOI, Sang-Jin	Korea	PHD	Polit. Sci.
13. CHUNG, Byung-Soo	Korea	PHD	Econ.
14. CORBELL, Edward	USA	MA	Meteorology
15. CROUCH, Richard C.	USA	MA	Pacific Is. Stud.
16. DUA, Shyam S.	India	MA	Mech. Engr.
17. DUBEY, Krishna K.	India	MA	Bus. Ad.
18. DUKESBURY, John	USA	PHD	Polit. Sci.
19. GHOSH, Bhaskar K.	India	MA	Bus. Ad.
20. HANNETT, Leo J.	New Guinea	MA	Polit. Sci.
21. HARADA, Toshiaki	Japan	PHD	Physics
22. HEINE, Carl	Micronesia	PHD	Polit. Sci.
23. ICHORD, Robert F., Jr.	USA	PHD	Polit. Sci.
24. JAFFERY, Syed Zaigham S.	Pakistan	MA	Architecture
25. KARIM, Ahsan	Pakistan	MA	Structural Engr.
26. KHAN, Irfan A.	Pakistan	MA	Civil Engr.
27. KHOJA, Wazir A.	Pakistan	MA	Mech. Engr.
28. KIM, Dennis C.H.	USA	MA	Bus. Ad.
29. KIM, Haingja	Korea	PHD	Polit. Sci.
30. KIM, Kook-Chin	Korea	PHD	Polit. Sci.
31. KIM, Kwang-Doo	Korea	PHD	Econ.
32. KLOKE, Cort	USA	MA	Econ.
33. KODA, Keiichi	Japan	MA	Econ.
34. LAI, Yew-Wah	Malaysia	MA	Info. Sci.
35. LAM, Josephine M.L.	Hong Kong	MA	Bus. Ad.
36. LARA, Lilia	Philippines	MA	Econ.
37. LEE, Hye-Kyung	Korea	MA	Social Work
38. LEE, Jung-Bo	Korea	MA	Econ.
39. LEE, Ka-Jong	Korea	MA	Polit. Sci.
40. LU, Shyue-Ching	Rep. of China	PHD	Elect. Engr.
41. MACAWARIS, Ali G.	Philippines	PHD	Ocean Engr.
42. MAGDALENA, Federico	Philippines	PHD	Soci.
43. MARSHALL, Gary L.	USA	MA	Econ.
44. MIN, Byoung-Kyun	Korea	PHD	Econ.
45. MINAI, Viqar	Pakistan	PHD	Elect. Engr.
46. MORROW, James W.	USA	MA	Public Health
47. MUKHERJEE, Biswaroop	India	MA	Bus. Ad.
48. MURTHY, Parimi	India	PHD	Elect. Engr.
49. NAYAK, Upendra B.	India	PHD	Ocean Engr.
50. NOWAKOWSKI, Joseph V.	USA	MA	Geography

51. PAHIRAH, Manoon	Thailand	PHD	Econ.
52. PARK, Yong-Ok	Korea	PHD	Polit. Sci.
53. PERERA, Rupert C.	Sri Lanka	MA	Physics
54. RAO, Amudalapalli G.	India	PHD	Elect. Engr.
55. ROMAN, Francisco	Philippines	MA	Econ.
56. SALEHI, Mohammed Yusuf	Afghanistan	MA	Polit. Sci.
57. SALIJA, Juswadi	Indonesia	MA	Architecture
58. SENGUPTA, Dipankar	India	MA	Civil Engr.
59. SHRESTHA, Omkar L.	Nepal	PHD	Econ.
60. SIMON, Clyde	USA	MA	Ocean.
61. SOEDJATMIKO	Indonesia	MA	Elect. Engr.
62. SOETORO, Ann S.	USA	MA	Anthro.
63. SORIAGA, Manuel P.	Philippines	MA	Chem.
64. SRIKANTIA, Srinathkumar	India	PHD	Elect. Engr.
65. SRIPAIPAN, Chatri	Thailand	PHD	Elect. Engr.
66. SUSMAN, Howard	USA	MA	Info. Sci.
67. TANAKA, Hiroshi	Japan	MA	Elect. Engr.
68. TOWL, Kenneth D.	USA	MA	Econ.
69. TRAVERS, Lawrence H.	USA	PHD	Geography
70. TRULLINGER, James W.	USA	PHD	Polit. Sci.
71. UMPA, Camar	Philippines	PHD	Polit. Sci.
72. VASANTHAKUMAR, Pavagada	India	MA	Ocean Engr.
73. VENKATESWARAN, Perinkolam	India	MA	Bus. Ad.
74. VONGVIPANOND, Pairoj	Thailand	MA	Econ.
75. VORATHEPPUTIPONG, Thavan	Thailand	PHD	Polit. Sci.
76. WARD, Gene R.	USA	PHD	Soci.
77. WIJEKOON, Dharmaratne B.	Sri Lanka	MA	Civil Engr.
78. YOON, Byung-Tae	Korea	MA	Polit. Sci.
79. YOSHINA, Dwayne D.	USA	MA	Urban Regional Plan.
80. YU, Teh-Pei	Rep. of China	PHD	Econ.
81. ZAIDI, Syed I.R.	Pakistan	MA	Civil Engr.
82. ZHOWANDAI, Saleha	Afghanistan	PHD	Econ.
83. CHARUBURANA, Yongsrit	Thailand	MA	Architecture
84. ICHIHARA, Teruhisa	Japan	MA	Bus. Ad.
85. PHANWON, Sanguan	Thailand	MA	Civil Engr.

APPENDIX E

East-West Technology and Development Institute

FIELD EDUCATION

- AHMAD, Suhail (Mech. Engr.): Internship with Jet Propulsion Laboratory, California Institute of Technology and professional visits to other U.S. aerospace institutions. (5/21/73 - 7/20/73)
- AHN, Chee-Young (Social Work): Fifteen week internship with Center for Social Administration, Temple University. Internship consisted of participation in two projects: exploration of social change and social service delivery patterns in U.S.; evaluation of the City of Philadelphia Drug Coordinator's Office. (5/10/73 - 8/27/73)
- AHN, Chung-Si (Polit. Sci.): Internship with UN Institute for Training and Research, New York (UNITAR), OPI Student Intern Programme, plus study visits to Washington Center for Foreign Policy Research and American Political Science Association convention. (7/19/73 - 9/14/73)
- AHN, Moon-Suk (Info/Computer Sci.): Research on Pacific Computer Network System, University of Hawaii, plus study visits to U.S. mainland universities involved in ARPANET Computer Networking System. (1/21/74 - 6/1/74)
- ARSALA, Turyalay (Polit. Sci.): Study visits with various U.S. elected officials for research into leadership patterns among different groups within U.S. society. (7/14/73 - 9/5/73)
- BRARA, Arvinder Singh (Bus. Ad.): Professional visits to a variety of U.S. business organizations to collect data for a comparative analysis of American and Indian management; also visits to Smaller Enterprise Agency in Tokyo, Seoul National University and National Institute of Development Administration, Bangkok. (6/11/73 - 10/8/73)
- CHENG, Agnes C.C.W. (Social Work): Professional visits to several community mental health centers on the U.S. mainland to study the comprehensive programs of such centers and to learn social research in these programs. (5/25/73 - 7/22/73)
- CROUCH, Richard C. (Pacific Is. Stud.): Thesis research on Effects of Development on Polynesian Culture--in Micronesia and the South Pacific. (5/21/73 - 8/24/73)
- DUBEY, Krishna K. (Bus. Ad.): Internship in Hawaii under guidance of Prof. R.H. Sprague, University of Hawaii in project on information system analysis and design: short internship at Dillingham Corporation and Hawaiian Electric Company. (5/21/73 - 8/24/73)
- DUKESBURY, John M. (Polit. Sci.): Dissertation research on role of Indonesian Parliament within a larger framework of operation of national legislation institutions in "new states" of Asia--at Modern Indonesian Project, Cornell University and in South East Asia. (6/1/74 - 8/31/75, includes three months leave of absence)
- GHOSH, Bhaskar K. (Bus. Ad.): Successive internships with four Island business corporations studying operations management--Island Trading Company, Ernst and Ernst, Foster Equipment Company and Dillingham Corporation. (5/22/73 - 7/31/73)
- HARADA, Toshiaki (Physics): Dissertation research on "Purification of Liquid Crystals" at U.S. mainland universities and the Liquid Crystal Institute at Kent State University. (6/1/73 - 9/18/73)
- ICHORD, Robert F., Jr. (Polit. Sci.): Dissertation research on current international conflict over oil resources in Southeast Asia--on the U.S. mainland and in Southeast Asian countries. (9/1/73 - 8/31/74, includes one month leave of absence)
- JAFFERY, Syed Zaigham S. (Architecture): Thesis research on "Organization of Low-Cost Housing Cooperatives for the Rural Areas of Pakistan" at various U.S. universities, the Foundation for Cooperative Housing in Washington, D.C., and in Pakistan. (2/21/74 - 9/8/74, includes three months leave of absence)
- KIM, Dennis C.H. (Bus. Mgmt.): Internship involving financial and management audit of local mission in Taiwan. (6/5/73 - 8/20/73)
- KIM, Haingja (Polit. Sci.): Dissertation research on a "Comparative Legislative Role Study, A Case Study of Female Legislators of the U.S. House of Representatives and the National Assembly of Korea;" interviews with members of U.S. Congress and Korean Assembly. (1/10/74 - 6/30/74, includes three months leave of absence)
- KHAN, Infan Ahmed (Civil Engr.): Study visits to water resources centers operated by the U.S. Geological Survey in connection with thesis dealing with electric analog modelling techniques in ground-water hydrology. (7/1/74 - 8/15/74)
- KHOJA, Wazir A. (Mech. Engr.): Professional visits to shipbuilding industries in the U.S. in connection with study of materials, cost and design features of equipment used in U.S. shipbuilding industries. (4/17/74 - 7/17/74)

- KODA, Keiichi (Econ.): Enrollment at University of Minnesota, fall semester, for special courses in international economics. (9/10/73 - 12/25/73)
- LAI, Yew-Wah (Info/Computer Sci.): Enrollment at Cornell University summer session in Regression Analysis. (5/23/73 - 8/24/73)
- LAM, Josephine M.L. (Bus. Ad.): Summer study at Wharton School of Finance and Commerce in Multinational Enterprise, plus study visits at the World Bank and Harvard Business School. (5/17/73 - 8/18/73)
- LARA, Lilia (Econ.): Internship with Industrial Development Division, Georgia Institute of Technology--in regional planning. (6/1/73 - 8/27/73)
- LEE, Hye-Kyung (Social Work): Attended various conferences and seminars related to study of developmental emphasis of social welfare as a social development in a rapidly changing society. (5/22/73 - 7/9/73)
- MACAWARIS, Ali G. (Ocean Engr.): Fall and spring semester enrollment at Colorado State University, plus study visits to Coastal Engineering Research Center in Washington, D.C., and Scripps Institute of Oceanography, La Jolla, California. (9/6/72 - 7/7/73)
- MARSHALL, Gary L. (Econ.): Data collection for thesis on measurement of elasticities of supply, and of factor substitution in process of development, at Center for Research and Communications, Manila and Thammasat University and ECAFE, Bangkok. (4/30/74 - 6/15/74)
- MUKHERJEE, Biswaroop (Bus. Ad.): Research Internship with Island Electronics, Inc. to do evaluative study of organization and marketing concept of approach to electronics marketing industry, plus study visits to Lafayette Radio Electronics Headquarters, New York City and other Lafayette Electronics Associated stores on U.S. mainland. (1/1/73 - 8/5/73, includes one month leave of absence)
- MURTHY, Parimi (Elect. Engr.): Research at Stanford Research Institute in area of telecommunications, plus professional visits to several U.S. companies involved in communications design. (5/27/73 - 8/27/73)
- NAYAK, Upendra B. (Ocean Engr.): Dissertation data collection on "Use of Groins as Coastal Protection Measures," at U.S. universities and U.S. Army Corps of Engineering Research Center, collection of data at coastal groins in England, Norway and Denmark (two months leave of absence) and data collection along Kerala Coast, India. (5/28/73 - 4/5/74)
- NOWAKOWSKI, Joseph (Geography): Thesis research in area of "Geography and Values" at Seoul National University and Korean Institute of Research in the Behavioral Sciences. (6/7/73 - 6/7/74, includes nine months leave of absence)
- ROMAN, Francisco L., Jr. (Econ.): Case research at Castle and Cooke (Honolulu) in three areas: new project development, business policy and marketing. (5/19/74 - 8/19/74)
- SHRESTHA, Omkar L. (Econ.): Dissertation research on effects of green revolution in India and Nepal on Nepalese economy at Library of Congress, Washington, D.C. and in India and Nepal. (9/17/72 - 9/1/73, includes nine months leave of absence)
- SIMON, Clyde (Ocean.): Thesis research in crustacean aquaculture at Mindanao State University Fisheries Research Lab, Naawan Misami Oriental, Philippines, and Fisheries Research Institute, Penang, Malaysia. (1/15/74 - 5/30/74)
- SOEDJATMIKO (Elect. Engr.): Summer session at UCLA in control system engineering and power system engineering.
- SORIAGA, Manuel P. (Chem.): Research at UCLA on laser-raman spectroscopy, with emphasis on high resolution studies. Also presented a paper at Molecular Spectroscopy Symposium, Ohio State University. (5/27/73 - 8/1/73)
- SUSMAN, Howard (Info/Computer Sci.): Internship in program, "An Experimental Radio-Linked Computer Communication System," jointly sponsored by the ALOHA System, University of Hawaii and National Taiwan University with National Chiao-Tung University and the Telecommunications Laboratories of the Ministry of Communications in Taipei. (6/23/73 - 5/21/74, includes nine months leave of absence)
- TANAKA, Hiroshi (Elect. Engr.): Professional visits to several U.S. mainland universities to learn how their computer resources are linked to the ALOHA System and other institutions by ARPANET. (6/25/73 - 8/11/73)
- TOWL, Kenneth D. (Econ.): Internship in Bangkok on projects sponsored by Council on Asian Manpower Studies (CAMS) which relate to employment and international trade in the development process. (9/1/73 - 12/31/73)
- TRAVERS, Lawrence (Geography): Dissertation research in Hong Kong, in urban social geography. (12/21/72 - 12/31/73)
- VASANTHAKUMAR, Pavagada (Ocean Engr.): Research for paper "Comparative Study of U.S. Ports Administration and Evaluation of the Need for Deep Water Ports in the U.S." at various U.S. harbors and U.S. Army Corps of Engineering Research Centers. (6/11/73 - 8/22/73)
- VENKATESWARAN, Perinkolam (Bus. Ad.): Internship in Honolulu under guidance of Prof. R.H. Sprague, University of Hawaii in a case study project with a medium-size firm studying market research methodologies. Also short internship in several local companies to study systems design and analysis. (5/21/73 - 8/14/73)

VONGVIPANOND, Pairoj (Econ.): Summer study at Harvard University in a reading and research course in urban economics (6/15/73 - 9/6/73)

WIJEKOON, Dharmaratne B. (Civil Engr.): Internship in Low-Cost Housing Project of the Institute, plus professional visits to several mainland universities to study research being done in field of low-cost construction materials. (1/21/74 - 5/31/74)

YOON, Byung-Tae (Polit. Sci.): Participation in TDI's Workshop/Seminar on Feasibility of Regional Adaptive Technology Center (RATC) Programs at Non-Metropolitan Universities, plus independent study in university-community interaction at Georgia Institute of Technology, Atlanta. (5/27/74 - 7/5/74)

ZAIDI, Syed I.R. (Civil Engr.): Professional visits to several sewage treatment plants on U.S. mainland to study problem of waste water treatment. (6/15/73 - 8/15/73)

APPENDIX F

East-West Technology and Development Institute

PUBLICATIONS/DOCUMENTS

Publication generated under
Employment-Oriented Development Planning:

Young-il Lim
INDUSTRIALIZATION, TRADE AND
EMPLOYMENT IN SOUTH KOREA
Paper No. 2. 1974. 150 pp

Uses input-output techniques to analyze the sources of labor absorption in Korean economy during rapid industrialization of 1960's. Draws inferences from growth pattern for income distribution, and discusses policies for improving income distribution without sacrificing growth objectives.

Contents: Gains and Costs of Postwar Industrialization; Impacts of Exports on Output and Employment; Factor Content of Foreign Trade; Establishment Sizes and Employment in Manufacturing Sector; The Wage Income in Manufacturing Sector.

Project Team and Editors: Manuel Alba, Louis Goodman, John Richards and Clark Bloom
PROJECT FEASIBILITY STUDY AND EVALUATION
WORKSHOP PROCEEDINGS, January 14-25, 1974
160 pp

Focused on the place of projects in an integrated planning process, and on the problems of project formulation, evaluation and implementation in several sections.

Contents: Foreword; Introduction; Workshop Agenda; List of Participants; Summary Proceedings, Collected Papers.

Publications generated under
Technology Adaptation:

Fran Gerritsen
THE USE OF OCEAN TECHNOLOGY IN DEVELOPING
COUNTRIES
Consultant Report, 45 pp (12 Illus.)

Examines potential of ocean technology in stimulating economic and social development in developing countries.

Contents: Introduction; Summary and Conclusions; The Importance of the Ocean as a Resource for Development Past and Future; The Ocean as an Ecological, Technical and Economic System; Present and Future Ocean Technologies of Special Interest to Developing Countries; The Role of Higher Education in the Use of Ocean Technology; Proposed Research.

Project Team and Editors: Peter Ho, Ernesto Tabujara and Louis Goodman

FEASIBILITY DESIGN AND IMPLEMENTATION OF
LOW COST HOUSING FOR LOW-INCOME FAMILIES:
PROCEEDINGS OF TDI ADAPTIVE TECHNOLOGY
WORKSHOP II

July 9-20, 1973. Part I, 55 pp. Part II, 281 pp

Explores need for innovative low-cost housing construction materials and designs appropriate for different regions of Asia, Pacific Islands and U.S.; recommends a cooperative approach in seeking solutions to many aspects of housing problem.

Contents Part I: Foreword; Introduction; Summary Proceedings; Schedule of Sessions; Participant and Resource Person Lists; Discussion Group Recommendations.

Contents Part II: Individual reports of workshop: Problems and Issues of Low-Cost, Low-Income Housing; Technical Aspects of Low-Cost, Low-Income Housing; Special Panel on Future Perspectives.

Publications generated under Public
Policy and Institutional Development:

Project Team and Editors: Young-Whan Hahn, Louis Goodman and Bruce Koppel
THE ROLE OF REGIONAL/NON-METROPOLITAN
UNIVERSITIES IN LOCAL AND NATIONAL DEVELOPMENT:
PROCEEDINGS OF A TDI WORKSHOP ON INNOVATIVE
LEADERSHIP
July 23-27, 1973. 51 pp

Examines needs and rationale for increased capacity of non-metropolitan/regional universities in interacting with surrounding communities, and discusses various concrete cases of participating universities. Outlines agreements on long-term cooperative programs at Regional Adaptive Technology Centers.

Contents: Foreword; Introduction; Seminar Cum Workshop Agenda; Description of Seminar Cum Workshop; List of Participants; Summary Proceedings of Sessions; Papers Presented on Various Cases from Participating Universities.

Project Team and Editors: Young-Whan Hahn and Bruce Koppel

A RESEARCH FRAMEWORK FOR FEASIBILITY STUDY
ON RATC PROGRAM DEVELOPMENT: PROCEEDINGS OF
A TDI SEMINAR/WORKSHOP
July 5-21, 1973, 50 pp

Includes description of process involved in joint project development, plus results of interdisciplinary research framework designed to examine potentials, feasibilities and action proposals for establishing Regional Adaptive Technology Centers (RATC) programs at three participating universities in Asia.

Contents: Foreword; Introduction; Seminar/Workshop Agenda; List of Participants; Summary Proceedings of Sessions; Three Field Research Proposals.

Project Team and Editors: Suk-Choon Cho, Young Whan Hahn and Bruce Koppel
LEADERSHIP STRATEGY IN MANAGING DEVELOPMENTAL
PROJECT: PROCEEDINGS OF TDI PUBLIC LEADERSHIP
WORKSHOP II
October 15-26, 1973. Part I, Proceedings. Part II, Case Reports

Focuses on alternative approaches to process of initiating, implementing and evaluating development projects. Special emphasis given to exchanging ideas and experiences in relation to cultivation and utilization of external linkages, the varied backgrounds of participants--mayors, governors and university administrators--contributes to elaboration of a wide range of strategies.

Contents Part I: Foreword; Introduction; Summary of Workshop; Agenda; List of Participants and Resource Persons; Participants' Views; Summary Proceedings of Sessions and Group Reports; Appendix (Reading Lists).

Contents Part II: Leadership Strategy Case Reports with Addendum to each case as have been revised by the participants at the end of the Workshop.

Documentation tape generated
for Institute Integration:

Editors: Manuel S. Alba and Fred Burian
THE TECHNOLOGY AND DEVELOPMENT OVERVIEW
Multi-Media Series 1974, No. 1

Presents the organizations and projects of the Technology and Development Institute, East-West Center.

Formats Available: One half-hour videotape (color, 1 inch, 1/2 inch, cassette); Slide Sync tape presentation; Flat picture set.

Documentation packages generated
under Technology Adaptation:

Editors: Fred Burian and Louis Goodman
LOW-COST HOUSING FOR LOW-INCOME FAMILIES
Multi-Media Series 1974, No. 2

Presents several innovative low-cost housing designs that are being currently developed in U.S., Thailand, Philippines, Indonesia and Korea.

Formats Available: One half hour videotape (B/W, 1/2 inch); Eighty annotated slides; Flat picture set.

Albert Dietz and Fred Burian
HOUSING IN LATIN AMERICA
Multi-Media Series 1974, No. 5

Material drawn from a set of more than 1000 slides collected by Senior Fellow Albert Dietz during periods of consulting work in several Latin American countries over the past ten years. The presentation set (157 slides) is annotated. Introductory text precedes each of nine country slides.

Documentation tape generated under Public
Policy and Institutional Development:

Editors: Fred Burian, Bruce Koppel and Young-whan Hahn
THE REGIONAL ADAPTIVE TECHNOLOGY CENTER AND
LOCAL DEVELOPMENT
Multi-Media Series 1974, No. 3

Presents the visual framework of emerging RATC projects at three cooperating non-metropolitan universities; Mindanao State University, Philippines; Yeungnam University, Korea; and Hasanuddin University, Indonesia.

Formats Available: Three one half hour videotapes (B/W, 1/2 inch); Eighty annotated slides; Three flat picture sets

Publications generated for
Institute Integration:

DEVELOPMENT: GOALS, PROCESSES AND
INSTITUTIONS
Paper No. 1. 1974. 23 pp

Highlights the basic technology and development themes of the Institute. Consists of three keynote or theme papers presented to three separate TDI workshops and conferences.

Contents: Quality Growth in Developing Countries, Shelly Mark; Interdependence and the Problems of Development, Manuel S. Alba; Non-Metropolitan Universities as Potential Enclaves of Development, Hahn-Been Lee.

APPENDIX G

East-West Technology and Development Institute

STAFF

Director

ALBA, Dr. Manuel S.: Assumed directorship June 1, 1973; on leave from University of the Philippines as director of Graduate Studies and professor and chairman of Department of Marketing and Business Administration in School of Business. Before joining the Center, directed implementation of educational reforms in Philippines, first as project director of Presidential Commission on Education which undertook a national comprehensive assessment of educational system, and then as executive director of Presidential Education Task Force entrusted with administering massive development projects in education recommended by Presidential Commission. Has had extensive management consulting experience in both public and private enterprises. Holds doctorate in business administration from Northwestern University.

Assistant Director

GOODMAN, Prof. Louis J.: Is Assistant Director for Education and Professional Development; has 22 years experience as engineering educator, researcher and consultant; holds degrees in Civil Engineering from Massachusetts Institute of Technology and Harvard University; is registered professional engineer. Has taught undergraduate and graduate engineering courses at Ohio State, Lehigh and Syracuse universities, as well as directing research studies. Before coming to Center, served as project specialist in engineering education with Ford Foundation in Philippines. Is senior author of textbook and over 40 papers in national and international journals. Has received numerous citations and honors for contributions to engineering education in Egypt, Ecuador and Philippines. Areas of research concern are technology adaptation and institution development.

Research Associates

MORSE, Richard: Joined the staff as Research Associate in May 1974. Will concentrate on Institute's program of entrepreneurial research and training oriented to employment generation. Earned master's degree and completed doctoral studies in development economics at Harvard University, and is a graduate of Dartmouth College. Prior to joining EWC, was independent consultant on South Asia investment and industrial development, beginning study of economic and national development in Southern Asia in 1946. Served with Economic Cooperation Administration and Ford Foundation in Burma, 1951 to 1956, with program responsibilities in education. While senior international economist with Stanford Research Institute, was consultant to Ministry of Industrial Development, Government of India, 1958 to 1960 and 1964 to 1966.

FINNEY, Dr. Ben R.: Holds joint appointment as Research Associate in the Institute and UH associate professor of anthropology. Holds Ph.D. in social anthropology from Harvard University. Served as senior research fellow with the Institute of Advanced Studies at Australian National University, was Fulbright Fellow in New Guinea. Is primarily concerned with impact of economic and technological change on people of Pacific region, has conducted research on that topic in French Polynesia, Papua New Guinea, Australia and Hawaii.

HAHN, Dr. Young-whan: Research Associate, is a graduate of Seoul National University and University of Pittsburgh. From 1963 to 1970, was chairman and assistant professor in department of public administration at Chung-Ang University in Korea. Presently, is on extended leave from Chung-Ang University to serve on Institute staff. Is conducting research in public policy and institution development area.

HANSEN, Dr. Gary: Serves both as Research Associate and Senior Program Officer for research administration in Institute. Is graduate of University of California (Berkeley) with doctoral in political science. From 1963 to 1965, was training associate in Indonesia for Ford Foundation, is currently a member of the Rural Development Committee, Cornell University. Area of research concern is developmental institution building.

KOPPEL, Dr. Bruce: Research Associate, a graduate of Cornell University with Ph.D. in rural sociology, M.S. in comparative politics. Spent two years in the Philippines working in the University of Philippines College of Agriculture/Cornell University Graduate Education Program sponsored by Ford Foundation at Los Banos. Is conducting research in public policy and institution development area.

RICHARDS, Dr. John: Research Associate in the Institute, holds joint appointment on UH faculty of economics. A graduate of University of Illinois and the University of Wisconsin. Prior to East-West Center appointment, served as research assistant at University of Wisconsin while pursuing doctoral studies. Is conducting research in employment-oriented development policy and planning area.

Program Officers

AJIROGI, Harold: Senior Program Officer with special responsibility for planning and implementing Institute's professional development programs; holds master's degree in education from University of Illinois. From 1952 to 1967, served in various administrative capacities with Division of Vocational Rehabilitation in the State of Hawaii, Department of Education.

DJUNAIDY, Mendl: Program Officer for Institute's graduate study program. Earned M.A. from John Hopkins University, School of Advanced International Studies, was recipient of Frances P. Bolton Fellowship, was research assistant in Brookings Institution and at Institute for International Studies in Washington, D.C., before joining East-West Center. Also studied under East-West Center scholarship in 1969-70.

Specialists

BURIAN, Fredrich: Completed undergraduate studies in chemistry and master's in philosophy at UH, has served as research assistant in chemistry departments at Wayne State and Stanford Universities, and UH. Holds certificate in instructional media systems, serves as Institute's documentation specialist, concerned with dissemination of technology information.

INOUE, Marian: Resource Materials Technician responsible for resource materials collection and distribution of Institute publications. Before coming to East-West Center, was library assistant for the Hawaii State Library system.

Administration

KUSUHARA, Harriet: Senior Administrative Assistant, had been with East-West Center since inception in 1960. Before joining Center staff, was with International Cooperation Center, i.e., training center established in Office of Governor, State of Hawaii.

APPENDIX H

East-West Technology and Development Institute

RESOURCE MATERIALS COLLECTION

	<u>1973-74</u>
Books (volumes)	1572
Serials (Titles)	175
Reprints	372
B/W Picture File (items)	300
Color Slides (sets)	5
Videotape recordings	12

APPENDIX I

East-West Technology and Development Institute

SELECTED PROFESSIONAL ACTIVITIES OF STAFF

ALBA, Manuel S.

- a. Panel speaker, national conference of the Public Relations Society of America, Honolulu, Hawaii, October 1974. Title of paper: "Interdependence and the Problems of Development."
- b. East-West Center coordinator for co-sponsorship of national conference of American Public Works Association held in Honolulu April 3-6, 1974.
- c. Luncheon speaker, closing session of Pacific national conference of American Public Works Association April 6, 1974. Title of address: "Intergovernmental Cooperation in the Pacific and Southeast Asia."
- d. Luncheon speaker, monthly meeting of Society for International Development February 19, 1974. Title: "Philippine National Development and Impact on Hawaii."
- e. Delivered paper "Big Cities and Small Towns: The Dilemma of Development" to the conference on Urban Impact 1974 sponsored by the Pacific Congress of Municipalities, Taipei, May 29, 1974.
- f. Seminar speaker, Georgia Institute of Technology, Industrial Development Division October 1974. Title: "The Program of the East-West Technology and Development Institute."
- g. Participated in Industrialization Conference sponsored by Asian Institute of Technology, Bangkok, November 3-7, 1973.
- h. Member, steering committee, Industrialization Project, initiated by AIT in cooperation with other institutions in Asia and U.S. to be completed 1976.
- i. Presented a paper "Hawaii's New Technology Opportunities in the Pacific Basin and Asia," at ECOPUSH conference, sponsored by U.H. Engineering Research Center.
- j. Participated in East-West Center phase of joint ECAFE-Washington State Conference on Trade and Development, held in Honolulu, June 6-7, 1974.

GOODMAN, Louis J.

- a. Presented paper before seminar at Georgia Institute of Technology Industrial Development Division's 211(d) program November 8, 1973. Topic: "The Role of the Non-Metropolitan University in Community Development."
- b. Served as resource person for Vanderbilt University in Nashville, Tennessee, February 25-27, 1974, to review and critique a

number of training materials and other learning packages prepared for training of development project managers in less developed countries.

- c. Co-authored paper (with Fred Burian) on "University-Community Interaction Through Curriculum: A Case Study." Paper accepted for publication by TECHNOS, journal of international division of American Society for Engineering Education.
- d. Alternate member, External Advisory Committee for Georgia Institute of Technology Industrial Development Division's 211(d) Program on Employment Generation Through Stimulation of Small Industries.
- e. Appointed to executive committee, international division of American Society for Engineering Education; serves as chairman of international division's East Asian/Pacific Committee.
- f. Participated in Pacific Public Works Conference held in Honolulu April 3-6, 1974.
- g. Participated in East-West Center phase of joint ECAFE-Washington State Conference on Trade and Development, held in Honolulu, June 6-7, 1974.

FINNEY, Ben R.

- a. Completed editing monograph, Pacific Voyaging and Navigation, to be published by Polynesian Society, New Zealand, later this year.

HANSEN, Gary E.

- a. Served as consultant to Rural Development Committee, Cornell University, undertaking research on rural development in Java, Indonesia during summer of 1973.
- b. Participated in two seminars sponsored by Southeast Asian Development Advisory Service, held in New York City on Southeast Asian Development Goals-1980, the second in Ithaca, New York, on Rural Local Government and Development Administration in Southeast Asia.
- c. Authored monograph entitled "The Politics and Administration of Rural Development," recently published by the Center for South and Southeast Asian Studies, University of California, Berkeley.
- d. Completed second monograph "Rural Local Government and Development Administration in Indonesia" to be published in near future by Cornell University.

HAHN, Young-Whan

- a. Was invited as special commentator to Conference on Legislative Origins, April 1-4, 1974, sponsored jointly by University Consortium for Comparative Legislative Studies and University of Hawaii's Comparative Legislative Studies program, for which he serves on executive committee.
- b. Participated in East-West Center phase of joint ECAFE-Washington State Conference on Trade and Development, held in Honolulu, June 6-7, 1974.

KOPPEL, Bruce

- a. Presented paper on "Alternative Explanations of the Green Revolution" at annual meeting of Pacific Sociological Association in San Jose, California, March 28-30, 1974.
- b. Presented paper before East-West Population Institute conference on International Migration from the Philippines; paper examined demographic implications of technology-social structure interaction.
- c. Presented a series of seminars on role of farmer associations in irrigation water management before Food Institute workshop on The Role of Irrigation Engineers in Irrigation Water Management.

AJIROGI, Harold

- a. Participated in conference on Social Issues in Development Planning in Fiji during November 29-December 3, 1973, conference sponsored by South Pacific Commission.

BURIAN, Fredrich

- a. Co-authored paper with Louis Goodman on "University-Community Interaction Through Curriculum: A Case Study," accepted for publication by TECHNOS, journal of international division of American Society for Engineering Education.

MORSE, Richard

- a. Participated in East-West Center phase of joint ECAFE-Washington State Conference on Trade and Development, held in Honolulu, June 6-7, 1974.

OPEN GRANTS

Since establishment of the Office of Open Grants in 1970, it has continued to fulfill its major role of providing flexibility to the East-West Center by inviting outstanding scholars and students whose interests lie outside the scope of a specific problem-oriented institute. It also enables the Center to invite students and scholars from geographical areas or disciplines not adequately represented elsewhere in the Center.

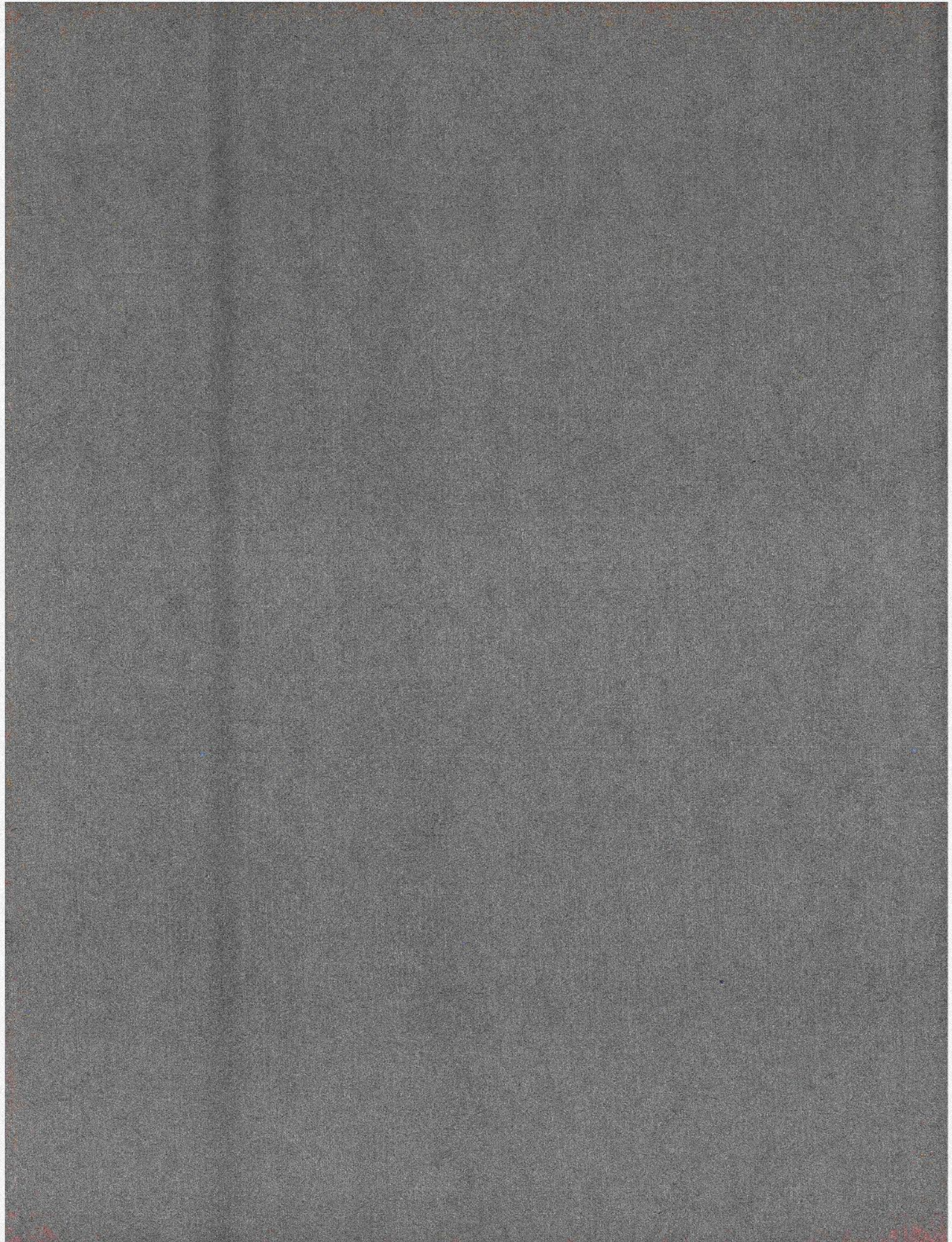
Equally important, it provides an opportunity for innovation, particularly in providing resources for program development within the Center. Thus in FY 74 Open Grants enabled the Center to continue its concern for the role of the humanities, especially as they relate to urban life. Research activity centered around the broad theme of "The Urban Environment in the Contemporary Spirit."

During FY 74, the Office of Open Grants, with a staff of three professional and two clerical personnel, was responsible for 88 degree students and six Fellows. Open Grants has no professional development program.

Unlike the institutes, Open Grants has no program subdivisions under which its activities can be reported. Therefore, the activities for 1973-74 are reported under the following headings: 1) The Urban Environment in the Contemporary Spirit; 2) Cooperative Degree Study; and 3) Community Service Project.

THE URBAN ENVIRONMENT IN THE CONTEMPORARY SPIRIT

With assistance from the Open Grants Fellow Awards Committee, the office has for two years selected one or two themes which serve as foci for study, research and other activities for Fellows. "The Urban Environment in the Contemporary Spirit" was selected for FY 74 to bring together scholars and authorities with a common interest in urban affairs and factors affecting the quality of urban life today. Activities centered around the theme included:



I. Open Grants Seminars (See Appendix H)

Each Fellow presented a seminar open to the Center community and the public, relating to a research interest while at the Center. These seminars enabled the Fellows to share experiences and research findings with staff and participants in other institutes and the University community.

II. Individual Research and Related Activities

Each Fellow carried on individual research and study related to the overall theme, as outlined in Appendix B. (Of the Fellows listed, Dr. Yujiro Hayashi and Dr. Umar Kayam were carryovers from the previous fiscal year. Thus only the remaining four Fellows were invited for FY 74 activities.)

The Fellows' study and research resulted in two major activities: 1) articles and papers for publication, and 2) participation in seminars and lectures in the East-West Center, University of Hawaii and Honolulu community. Through these activities, the Fellows have contributed significantly toward the enhancement of the Center's goal. Appendix F contains a list of articles and papers (drafted or completed) intended for publication.

In addition, Fellows were extremely active in giving lectures and seminars in the University and the community.

III. Student/Fellow Seminars

A weekly informal seminar related to the general theme brought together students and Fellows in Open Grants in meaningful interaction and understanding. Students were required to participate in at least one such seminar. The seminar topics were deliberately broad in nature to accommodate the various student interests, and sessions included individual field trips and guest speakers. The Fellows and their seminar topics were:

Dr. Chakraborty: "Value Conflicts in Urbanization"

Dean Hurst: "Man and Shelter"

Dr. Noh: "The City and Its Problems"

Dr. Sangchai: "Environment in the Developing Countries"

During the fall semester Dudley Weeks, an Open Grants degree student, conducted a seminar on "World Community Design" for interested Open Grants students. Dr. Hayashi, Dean Hurst, and Dr. Sangchai served as resource persons after their arrival in November.

IV. Symposium on Social Forces in Urbanization

As a climax to the year's thematic activity, a symposium on "Social Forces in Urbanization" was planned by the Open Grants Fellows and held at the Center on May 13-17, 1974. It brought together a multidisciplinary group of scholars and practitioners from various countries in Asia and the United States to discuss social forces as barriers to or opportunities for the implementation of urban programs. By examining the processes and institutions which affect social change, the participants hoped to clarify, improve and accelerate the implementation of programs seeking to lift the quality of urban life.

Ten papers were presented as outlined in Appendix C and will be included in the proceedings of the Symposium to be published this fall.

COOPERATIVE DEGREE STUDY

The cooperative degree study program of Open Grants is notably different from that of the program Institutes in that Open Grants does not conduct projects related to a specific problem. Nevertheless, degree students are involved in Open Grants and Center activities designed to supplement their formal course work at the University, just as Institute degree students are.

Specifically, students are required to participate in a Community Service Project for one semester and a student/fellow seminar for the other semester, involving a time commitment of two to five hours weekly. (These activities are described in detail in other sections of this report.) Students are also strongly encouraged to become involved in other activities, such as in the East-West Center Student Association (EWCSA) and the Pacific and Asian Affairs Council.

The Open Grants student representatives to EWCSA have been an important link between students and staff. During the year the student representatives made a significant input into the selection of new students for Open Grants, the review and evaluation of field education proposals, and the evaluation of the student/fellow seminars.

The students are also responsible for originating the Open Grants Noon-hour Conversations, an informal gathering of degree students, fellows and staff with emphasis on interchange and understanding. These Conversations grew out of student discussions at the Mid-Grant Conference in April when students realized how little they knew about each other after seven months at the Center. The conversations are held weekly over a bring-your-own lunch; days of the week are varied to enable different groups of students to attend. Each session is led by a student, a fellow or an interested person, and cover a wide range of topics. (See Appendix H.)

COMMUNITY SERVICE PROJECT

In September of 1973, a new program of involvement in the Honolulu community by Open Grants degree students was organized, requiring all students to volunteer their services for two to five hours weekly for a semester in a community activity of their choice. Discussion about the Community Service Project began in the Spring of 1973, and last summer pilot projects were begun at the Moiliili Community Center and the Chinatown Community Center. At the same time, a committee of Open Grants students and staff consulted the Volunteer Service Bureau and compiled a list of organizations which were felt to be appropriate for Center students. In addition, some students with specialized interests (e.g., medicine or art) arranged their own volunteer projects.

Thus during the fall semester 44 students volunteered for community service in the following organizations, with 16 students continuing their work through the spring term:

<u>Organization</u>	<u>Activity</u>
1. Anuenue Elementary School	Tutoring; resource persons for social studies classes
2. Hawaii Job Corps	"Rapping" with corpsmen; assisting with publication of newsletter
3. Common Cause	Citizens' lobby activities
4. Community Quest	Work with Kailua High School students
5. Hokulani Elementary School	Resource persons for social studies classes
6. Honolulu Academy of Arts	Educational guide
7. Honolulu Zoo	Educational guide
8. Moiliili Community Center	Work with senior citizens or teenagers
9. Queen Emma Health Clinic (Hawaii Planned Parenthood)	Receptionist; obtaining health histories and providing information on family planning
10. Research Demonstration Center	Teacher's aides
11. Chinatown Community Center	Help in clinic and other activities
12. Volunteer Tutoring Project (University YWCA)	Tutoring in various schools
13. Atherton YMCA	Recreational aides; work with senior citizens; tutoring

Evaluation reports by the students indicate that they have learned much about the Honolulu community, the American educational system, the problems of disadvantaged children, the people in Hawaii and the real life problems faced by many in the community. They have described their experiences as "a stimulating encounter"; "fun, challenging and a release from the academic routine"; "beneficial and satisfying"; "being of some usefulness to our host country and people"; and "gaining a great deal of self-satisfaction." The community organizations with which the students were involved were also asked to evaluate the students' participation and contribution, and they uniformly expressed enthusiasm and appreciation for the help given them.

Special mention should be made of Kailua High School's Community Quest program in which the East-West Center has participated for the past two years. Community Quest is an innovative program of classwork in the community, taking students from the classrooms into "learning stations" in the community for educational experiences.

Six Kailua High School students and three observers from the University of Hawaii College of Education selected the East-West Center as a learning station for the fall semester. Rose Nakamura in Open Grants again served as the East-West Center coordinator working with the University of Hawaii intern responsible for the group. Three Open Grants degree students who actively participated in Community Quest were Chin Tok Lim from Singapore, Sinnadurai Balasubramanian from Malaysia, and Bounpheng Bouamalay from Laos. Other Open Grants students who served as resource persons were Karuna Ramashanker, Renton de Alwis, and Carl Strom. The participants met weekly at the East-West Center for discussions, viewing of slides and films, demonstrations, and experiential cross-cultural activities.

FUTURE PLANS

The challenge for Open Grants lies in providing a variety of ways in which intercultural interaction among the participants can take place. Thus, the Community Service Project which promotes intercultural interaction in the Honolulu community and the Noon-Hour Conversations which promote interaction among students, staff and fellows will be continued as major activities in Open Grants in the future. The student/fellow seminars will probably take another form next year, in accordance with the recommendations of the Seminar Evaluation Committee.

Lack of inter-institute interaction within the Center again proved disappointing to the Fellows in Open Grants. They were very interested in the activities of the various institutes and would have welcomed the opportunity for greater involvement in other East-West Center activities and interaction with Fellows and staff. They uniformly felt that the University of Hawaii community took far greater advantage of their expertise and experience than did the EWC institutes. Since the Open Grants Fellows were conceived as resources for the entire Center, a greater effort must be made in the future to involve them in institute activities and to promote dialogue between them and other institute fellows. One way to do this is through dormitory living accommodations for fellows, as arranged by two Fellows this past year.

Dean Hurst and Dr. Chakraborty began an experiment in group living in Hale Manoa this spring which has met with considerable success. Dean Hurst writes in his report: "The experience of being in Hale Manoa has doubled my contact with students and fellows." Future Open Grants Fellows will be apprised of the possibility of dormitory living and it is hoped that fellows in other institutes will also be encouraged to consider group living in Hale Manoa.

Two themes have been selected for 1974-75 around which study, research and seminar activities will be focused: "Law and the City" and "Cultural Dimensions of Environmental Problems". Each reflects the Center's continuing interest in contemporary urban life and universal aspects of environment and policy. The law as it relates to cities and city dwellers will provide a common perspective in examining human needs in such diverse areas as education, social services, housing, land use, transportation and minority groups, and for the first time will bring together a single group of professionals, i.e., lawyers. The second theme will bring together environmental scientists, anthropologists or other social scientists and policymakers in the joint exploration of the relationships between a man's culture and his perception of environmental quality.

APPENDIX A

Open Grants

FELLOWS

(Note: Activities of Fellows are reported in greater detail in the narrative section of Open Grants, especially as their activities relate to Open Grants projects)

CHAKRABORTY, Dr. Satyesh, Professor of Geography, Burdwan University, and Member, State Planning Board of West Bengal, Calcutta, India. (3/1/74 - 7/31/74)

Research: A study of the emergence of urban morphology seen in relation to the specific economic roles played by the city of Calcutta.

HAYASHI, Dr. Yujiro, President, Institute of Future Technology, and Professor, Tokyo Institute of Technology, Tokyo, Japan. (11/1/73 - 12/31/73)

Research: An examination of the effects of technological innovation on human welfare.

HURST, Dean Samuel T., School of Architecture and Fine Arts, University of Southern California, Los Angeles, California. (11/1/73 - 6/30/74)

Research: Focuses on new modes of urban community inner city low-cost housing, the structure of community professional services, the politics of change and the search for delivery systems which relate architectural and planning services to the public interest.

KAYAM, Dr. Umar, Chairman, The Arts Council of Jakarta, Jakarta, Indonesia. (3/9/73 - 9/8/73)

Research: Study of the problem of national integration and national identity in Southeast Asia.

NOH, Dr. Toshio, Professor and Chairman, Institute of Geography, Faculty of Science, Tohoku University, Sendai, Japan. (1/1/74 - 5/31/74)

Research: A comparative study of Japanese and American urban problems with emphasis on pollution of the environment.

SANGCHAI, Dr. Somporn, Senior Lecturer, School of Public Administration, National Institute of Development Administration, Bangkok, Thailand. (11/1/73 - 5/31/74)

Research: A search for answers to contemporary urban problems by relating present realities to future alternatives, with especial reference to Bangkok.

APPENDIX B

Open Grants

SYMPOSIUM PARTICIPANTS

Social Forces in Urbanization

- CHAKRABORTY, Dr. Satyesh C., Fellow. Paper: "Value Conflict in Urbanization: Its Relevance in Understanding the Dignity of Man in Society." Respondents: Dr. P.J. Philip, Director, Institute for Religion and Social Change; Dr. Stephen Yeh, UH Professor of Sociology.
- FAITHFULL, W.G., Director, Urban Systems Corporation, Sydney, Australia: "Positives in Urbanization and the Role of External Assistance." Respondents: Dr. Rosario Prizzia, Consultant, City and County of Honolulu; Dr. Paul Schwind, Department of Planning and Economic Development, State of Hawaii.
- FRY, Dr. John R., San Francisco Theological Seminary, San Anselmo, California: "Juvenile Violence." Respondents: Dr. Kiyoshi Ikeda, UH Visiting Professor of Sociology; Dr. Barry Nurcombe, Fellow, Culture Learning Institute.
- HAYES, Frederick, Consultant, New York City: "The Revolution in Social Behavior of the 1960's: Its Impact upon the American City." Respondents: Dr. Robert Cahill, UH Professor of Political Science; Sylvia W. Sumida, Former Assistant Professor, UH School of Nursing.
- HURST, Dean Sam T., Fellow: "Architecture Service Alternatives." Respondents: Dr. Lawrence Nitz, UH Assistant Professor of Political Science; Prof. Hasan Poerbo, Department of Architecture, Bandung Institute of Technology, Indonesia.
- NOH, Dr. Toshio, Fellow: "Pollution and Society in Japan." Respondents: Dr. David Kornhauser, UH Professor of Geography; Dr. Yasumasa Kuroda, UH Professor of Political Science.
- PERIN, Constance, Research Associate, Resources for the Future, Washington, D.C.: "Symbols of Status Re-Organization in Metropolitan Areas." Respondents: Prof. Tom Dinell, Director, UH Pacific Urban Studies and Planning Program; Dr. Gary Fuller, Research Associate, Population Institute.
- RAMOS, Dr. Josefina, Director, Social Services Staff, National Economic and Development Authority, Philippines: "Urbanization and Its Implications for Development in the Philippines." Respondents: Dr. John A. Richards, Research Associate, Technology and Development Institute; Dr. Robert Stauffer, UH Professor of Political Science.
- SANGCHAI, Dr. Somporn, Fellow: "Toward Peace and Serenity in Bangkok Metropolis." Respondent: Robert Krauss, journalist, The Honolulu Advertiser.
- SHIBATA, Tokue, Director, Department of General Planning and Coordination, Tokyo Metropolitan Government: "Factors Accelerating Tokyo's Development." Respondent: Dr. Scott Matsumoto, Research Associate, Population Institute.

APPENDIX C

Open Grants

DEGREE STUDENTS

<u>Name</u>	<u>Country</u>	<u>Degree Sought</u>	<u>Major Field</u>
1. ADA, Lucas	Trust Territory	BA	Sec. Ed.
2. AHAGON, Chokusei	Japan	PHD	Hist.
3. ALLENDER, Bruce Maxwell	Australia	PHD	Botany
4. ALVI, Muhammad Sarwar	Pakistan	PHD	Genetics
5. ARMBRUSTER, William R.	USA	MA	Asian Stud.
6. BALASUBRAMANIAN, Sinnadurai	Malaysia	MA	Ed. Admin.
7. BASSFORD, John Louis	USA	PHD	Hist.
8. BERBERICH, Frank Joseph III	USA	MA	Ethnomus.
9. BOSTWICK, Burdette E. Jr.	USA	PHD	Geography
10. BOUAMALAY, Bounpheng	Laos	BA	Education
11. BUCKLEY, Carol	USA	MA	Linguis.
12. CHAN, Ping Kuen	Hong Kong	MA	Social Work
13. CHANG, Irene Moo-Tien	USA	MA	Hist.
14. CHANTHAVISOUK, Bounthay	Laos	BA	Elect. Engr.
15. CHANTHAVISOUK, Saichay	Laos	BA	Nursing
16. CHENG, John Bin	Rep. of China	MA	Physio.
17. CONTE, Marie Theresa	USA	MA	Art Hist.
18. CRUZ, Wyona	Philippines	MA	Chem.
19. DE ALWIS, Adambarage	Ceylon	MA	Ag. Econ.
20. ELAHI, Nasreen	Pakistan	MA	Social Work
21. FAUST, Don H.	USA	PHD	Math.
22. GILLESPIE, Victor	USA	MA	Geography
23. GOODMAN, Robert	USA	MA	Hist.
24. GOW, David John	Australia	PHD	Polit. Sci.
25. GRADY, Diane Jennifer	USA	MA	Asian Stud.
26. HAZELMAN, Malcolm Peter	Western Samoa	BA	Trop. Ag.
27. HELM, Warren John	New Zealand	MA	Drama and Theatre
28. HENDERSON, Jay Franklin	USA	MA	Asian Stud.
29. HOTA, Prasanna Kumar	India	MA	Polit. Sci.
30. HSU, Wei Ching	Malaysia	MA	Math.
31. HUANG, Soo Lee Mary	Malaysia	BA	Home Econ.
32. IBRAHIMKHAIL, Abdul Karim	Afghanistan	BA	Civil Engr.
33. IMAI, Kazuo	Japan	MA	Polit. Sci.
34. IMAMURA, Toshiko	Japan	MA	Pharm.
35. ISMAIL, Mohamad Shakir Bin	Malaysia	BA	TIM
36. JAIDEE, Sompongse	Thailand	PHD	Astronomy
37. KAMIL, Ichtiair Hasan	Indonesia	MA	Ed. Foundation
38. KASULIS, Thomas Patrick	USA	MA	Philos.
39. KAUTOKE, Busby Salesi	Tonga	BA	Biology
40. KENEHE, Simon	New Guinea	BA	Bus. Ad.
41. KHAN, Shaikat Bano	Pakistan	MA	Pharm.
42. KOMPHAVONG, Sa Nga	Laos	BA	Math.
43. LAFRAIE, Najibullah	Afghanistan	MA	Polit. Sci.
44. LAI, Fung-Wai Frances	Hong Kong	PHD	Polit. Sci.
45. LIM, Chin Tok	Singapore	MA	Ed. Admin.
46. LIMARTHA, Ingelia	Indonesia	MA	Horticulture
47. LUANGKHOT, Chou	Laos	BA	TIM
48. MAHFOZ, Napsiah Bte	Malaysia	MA	Ed. Admin.
49. MAIER, John Herbert	USA	MA	Asian Stud.
50. MAYO, John	Australia	PHD	Hist.

51. MEKSAVANH, Chansouk	Laos	BA	Education
52. MOHAMAD YUSOF, Ahmad Bin	Malaysia	BA	Bus. Ad.
53. MOON, Timothy Paul	Trust Territory	BA	Soci.
54. MULALAP, Clement George	Trust Territory	BA	Polit. Sci.
55. O'BLEMES, Gary	USA	MA	Philos.
56. OPPENHEIMER, Nathan Eric	USA	MA	Pacific Is. Stud.
57. OUTRAM, Catherine	Australia	MA	Pacific Is. Stud.
58. PAK, Yung-Soh	Korea	MA	Drama and Theatre
59. PALIA, Aspy P.	India	MA	Bus. Ad.
60. PARASHAR, Dayanand	India	PHD	Physics
61. PHANEKHAM, Souryphouane	Laos	BA	Civil Engr.
62. PRAKASH, Ved	India	PHD	Hist.
63. PRATHOUMVAN, Souksana	Laos	BA	Pre Med.
64. QUIJANO, Walter York	Philippines	PHD	Psyc.
65. RAHI, Mumtaz Mohammad	Afghanistan	BA	Elect. Engr.
66. RALPH, Kathleen Ann	USA	MA	Geography
67. RAMASHANKER, Karuna L.	India	PHD	Philos.
68. RUAN, Benvenuto Ignatius	Trust Territory	BA	Journalism
69. RUCINSKI, John	USA	PHD	Japanese Lit.
70. SCHWALGER, Alfred August	Western Samoa	BA	Trop. Ag.
71. SIRILUGSANA, Pongkeo	Thailand	MA	Speech Path.
72. SMITH, John Walter	New Zealand	PHD	Med.
73. SORIANO, Florcelia M.	Philippines	MA	Psyc.
74. STROM, Carl	USA	MA	Asian Stud.
75. SYBINSKY, Peter Andrew	USA	PHD	Polit. Sci.
76. TANSAKUL, Voranut	Thailand	MA	English Lit.
77. TENZING, Pinsoom	Sikkim	BA	TIM
78. THINNON, Christopher John	Trust Territory	BA	Med. Tech.
79. THIPPHAVONG, Pirith	Laos	BA	Elect. Engr.
80. THIPPHAVONG, Visith	Laos	BA	Elect. Engr.
81. VONGHACK, Oudone Thongly	Laos	BA	Soci.
82. WALI, Ali Ahmad	Afghanistan	BA	Ag. Econ.
83. WARD, Faredah Shamsuddin	Malaysia	BA	TIM
84. WATERS, Neil Leroy	USA	PHD	Hist.
85. WEEKS, Dudley	USA	PHD	Polit. Sci.
86. YAHAYA, Mohammad Puat Bin	Malaysia	BA	Trop. Ag.
87. YANO, Victor	Trust Territory	BA	Biology
88. YEN, Chia-Chin	Rep. of China	MA	Ed. Psyc.

APPENDIX D

Open Grants

FIELD EDUCATION

BOSTWICK, Burdette (Geography): Dissertation research in Thailand on: "Aspects of the Cultural Ecology of the Lower Mekong Basin: The Impact of Mainstream Development on the Cultural Landscape." (11/23/73 - 12/31/74)

CHAN, Ping Kuen (Social Work): Supervised internship with the Northwest Medical Services in San Francisco; workshops in Social Work at University of Minnesota and Columbia University. (5/15/74 - 8/27/74)

CHANG, Irene (Hist.): Master's thesis research at Universities Services Centre, Hong Kong and Institute of Southeast Asian Studies, Singapore. Thesis topic: "History of the Pattern of International Trade between Hong Kong and Malaysia/Singapore Post World War II." (9/29/73 - 1/31/74)

CHANTHAVISOUK, Bounthay (Civil Engr.): Summer study at Stanford University, highly specialized courses in electronics. (5/30/74 - 8/29/74)

GILLESPIE, Victor (Geography): Research for major paper in geography through affiliation with the Mekong Committee for the Coordination of Investigations of the Lower Mekong Basin, ECAFE, Thailand. (8/10/73 - 1/13/74)

GOODMAN, Robert (Hist.): Language study at Mandarin Training Center, Taipei, Taiwan and family lineage research in south Taiwan, Korea and Japan. (1/21/74 - 8/15/74)

HENDERSON, Jay (Asian Stud.): Supervised internship with Associated Press in Singapore under Bureau Chief Pete O'Loughlin--wrote feature articles for Associated Press. (10/1/73 - 1/31/74)

KASULIS, Thomas (Philos.): Language study at Kyoto Japanese Language Center and research in Zen Buddhism. Wrote two major papers: "Eternity Made Present: Some Philosophical Reflections on Bell-Ringing in Japanese Buddhism" and "Traditions and Comments on Dogen's view of ethics as outlined in Shobo Ginzo." (5/25/73 - 11/31/74)

LAFRAIE, Najibullah (Polit. Sci.): Summer study of advanced international relations at American University, Washington, D.C., and UN internship. Internship provided orientation of UN organization and supervised research project. (5/30/74 - 8/29/74)

LAI, Frances (Polit. Sci.): Dissertation research at Universities Services Centre and American Consulate in Hong Kong. Collection of data for content analysis and study of policy variations in the People's Republic of China and to collect data for a survey study of Chinese educated youth and their political and social attitudes in relation to policy variations. (5/30/74 - 3/31/75)

LIM, Chin Tok (Ed. Admin.): Summer enrollment, University of Maryland at College Park, and study of Community College administration. (5/8/74 - 8/4/74)

PRAKASH, Ved (Hist.): Spring and summer enrollment, Horace Rachham School of Graduate Studies, University of Michigan. (1/2/74 - 8/31/74)

THIPPHAVONG, Visith (Elect. Engr.): Summer study at Stanford University for specialized courses in electrical engineering. (6/31/74 - 8/19/74)

WARD, Faredah (TIM): Collect data for research paper for TIM 300 and TIM 400 by visiting travel bureaus and convention centers in various major cities in U.S. (8/27/73 - 10/12/73)

YEN, Chia Chih (Ed. Psyc.): Fall semester study at Michigan State University for specialized educational psychology courses. (8/20/73 - 1/31/74)

APPENDIX E

Open Grants

PUBLICATIONS

Publications generated by World Trends
and Alternative Futures theme:

John McHale and Magda Cordell
WORLD TRENDS AND ALTERNATIVE FUTURES
Paper No. 1. January 1974. 42 pp

Explosive growth in human actual and potential capacities to intervene in larger environmental processes, both social and physical, has created new change patterns constituting a socio-ecological transformation of evolutionary magnitude. Authors view conceptual grasp of this transformation as one of man's most critical imperatives, and continuous review and assessment of long-range future implications of man's past and present actions as crucially important for survival of human society.

Contents: Prologue; World Trends: Implicit Long-term Changes; Explicit Short-Term Trends; Aspects of Alternative Futures: World Problem Alternatives; The Transition to Postindustrialism; Global Alternatives; Individual Alternatives.

Yujiro Hayashi
HUMAN WELFARE AND TECHNOLOGICAL INNOVATION
Paper No. 2. April 1974. 60 pp

In Part 1, author examines contradictions arising between human needs, and technology they inspire. Discusses problems resulting from recent tremendous expansion of technology and suggests countermeasures by which adverse effects might be modified. In Part 2, examines relationships in international division of labor in Asia and, in particular, Japan's role in technology transfer.

Contents Part I: The Objectives and Functions of Technological Innovation; Characteristics of Technology; Themes; Countermeasures.

Contents Part II: Direction and Analysis of Technology Transfer between Japan and Other Asian Nations; Two Problems Stemming from a Change in Industrial Structure; Reexamination of Relationships in the International Division of Labor and Confrontation with the Energy Crisis; Japan's Characteristics in International Relations; New Relationships in the International Division of Labor in Asia; Necessity to Develop a New Scale for Perception of Environmental Quality.

Publication of annual seminar:

PAPERS OF THE SEMINAR ON THE HUMANITIES AND
THE GOALS OF SOCIAL PLANNING (January 14-24, 1973)
May 1974. 116 pp

Contents: Everett Kleinjans, "The Humanities and Mr. Jederman" (keynote address); Sam T. Hurst, "Conflict of Values in Urban Planning"; S.B. Mukherjee, "Urban Planning in a Developing Economy: The Conflict of Values"; Herbert Aptekar, "Goals, Values, and Value Conflicts in Social Welfare"; Wen-Shing Tseng, "Modernization, Value Conflict, and Mental Health: An Oriental View"; Ned B. Wiederholt, "Conflict of Values in Health Planning and Community Decision"; Conrad Briner, "Conflict of Values in Educational Planning"; Harsja Bachtar, "Value Conflicts and Educational Planning."

APPENDIX F

Open Grants

ARTICLES AND PAPERS OF FELLOWS

Dr. S. C. Chakraborty

- A. Completed papers
 - 1. "Value Conflicts in Urbanization," paper presented at Symposium on Social Forces in Urbanization
 - 2. "Abstraction of Water and Planning in India"
- B. Papers in draft form
 - 1. "Traditional Technology of Irrigation in India"
 - 2. "British Irrigation Policy in India and Economic Development"
 - 3. "Experience of Irrigation in West Bengal"
 - 4. "Water Management: Some Basic Issues of Planning"
- C. Book in draft form
 - 1. Indentured Labour in India: 1820-1920

Dean Samuel Hurst

- A. Papers and articles completed and intended for publication:
 - 1. "What Is Worth Doing/The Second Half," presented as a luncheon talk to the Hawaii Chapter, American Institute of Designers, January 10, offered for publication to the Journal of that Institute.
 - 2. "Urbanism/Architecture/Energy, The Energy Crisis as an Opportunity for Social Planning," an East-West Center Seminar, January 24, 1974, offered for publication.
 - 3. "Architectural Education USA/Issues and Answers," a paper prepared for the China trip and presented at Tsinghua University, Peking, April 12, 1974, and Tongchi University, Shanghai, April 24, 1974; probable publication in American Institute of Architects Journal, along with report on education in China.
 - 4. "Architecture Service Alternatives," a paper presented at Symposium on Social Forces in Urbanization.
 - 5. "Architecture in the Open City," a critical analysis of Los Angeles architecture written for publication in a special issue of CAU, a Spanish Journal of Architecture.
 - 6. "China/Beyond Design and Technology," tentative title of an article committed for publication by Architecture Plus, an international magazine of architecture.

Dr. Toshio Noh

- A. Completed papers
 - 1. "Pollution and the Society of Japan," paper presented at Symposium on Social Forces in Urbanization.

- 2. "Some Comparisons of Urban Problems in Japanese and American Cities," a paper authored by Dr. Noh, Dr. David Kornhauser of the University of Hawaii, and Dr. Robert Hall, Jr., of the University of Rochester, to be published as part of The Science Reports series of Tohoku University.

Dr. Somporn Sangchai

- A. Completed Papers
 - 1. "Some Aspects of Futurism," paper presented at Open Grants Seminar and to be published as Working Paper by the Social Science Research Institute, University of Hawaii.
 - 2. "Toward Peace and Serenity in Bangkok Metropolis," paper presented at Symposium on Social Forces in Urbanization.

APPENDIX G

Open Grants

STAFF

Executive Officer

MAKEY, Sumi Y.: Has been staff member of East-West Center since 1964. Received bachelor's in psychology from UH, master's in counseling and guidance from Teachers College, Columbia University. Came to East-West Center after four years with the U.S. Office of Education as Far East program specialist working with AID participants from Asia.

Program Officer

NAKAMURA, Rose: Has been with East-West Center since July 1963. Earned her bachelor's from UH, pursued graduate studies at UH and at University of Southern California. From 1951 to 1963, served as lecturer, then instructor, and finally director of student personnel of UH at Hilo. Also served as manager of the Hilo campus library, and as teacher in physical fitness for Peace Corps groups training in Hilo.

Specialist

GOULD, Miriam: Has been with the East-West Center since February 1963, working first in the former Institute of Advanced Projects in a variety of offices and posts. Born in India and a resident of that country until college education. Earned bachelor's at Whittier College, and master's at Teachers College, Columbia University.

APPENDIX H

Open Grants

SEMINARS AND DISCUSSIONS

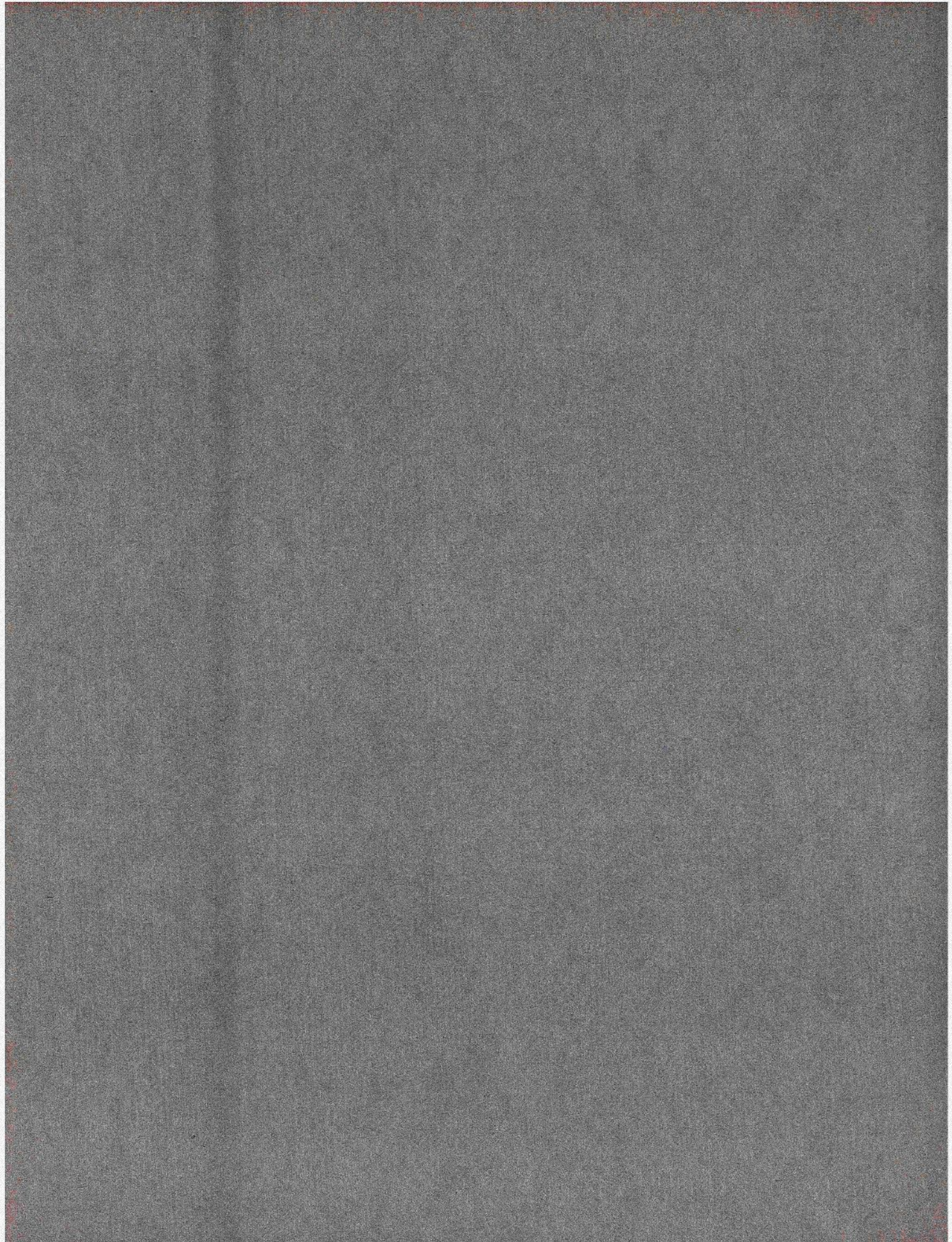
SEMINAR SERIES

<u>Date</u>	<u>Leader</u>	<u>Topic</u>
August 29	Umar Kayam	Indonesian Literature Today (with readings from his own work)
November 19	Somporn Sangchai, Frances Lai, and others--Panel Discussion	Student Activism Today: A Look at Thailand and Other Countries
December 14	Yujiro Hayashi	A Futurist's Look at the Development of Technology in Japan and Other Asian Countries
January 24	Sam T. Hurst	Urbanism/Architecture/Energy: The Energy Crisis as an Opportunity for Social Planning
February 21	Somporn Sangchai	Some Aspects of Futurism
May 28	Sam T. Hurst	China/Beyond the Trees: Impressions of the People's Republic of China
June 18	Satyesh Chakraborty	Significance of the Green Revolution in India

NOON-HOUR CONVERSATIONS

<u>Date</u>	<u>Leader</u>	<u>Topic</u>
April 23	Carl Strom	The Year of the Tiger--slides of Korean folk paintings depicting tigers
April 29	Najibullah Lafraie	The Political Situation in Afghanistan
May 6	Toshio Noh	Japan Today
May 17	Wyna Cruz	Filipino Cookery
May 21	Somporn Sangchai	Thai-Chinese Relations in Thailand
May 30	Bounpheng Boumalay and Chansouk Meksavanh	Laotian Music
June 7	Toshiko Imamura	The Japanese Tea Ceremony
June 12	Melinda Hurst	Special Education in the Inner City
June 19	Marian and Pinsoom Tenzing	Sikkim
June 25	Aspy Palia	A Parsi in India

SUPPORT OFFICES



OFFICE OF ADMINISTRATION

The Office of Administration provides management and auxiliary services to the Chancellor, the Institutes and the Support Offices of the East-West Center. These services include assistance in the formulation and execution of the Center's overall fiscal, budgetary and personnel policies and procedures. Also provided are data processing and housekeeping services necessary to sustain the Center's day-to-day operations.

FINANCE

The finance section of the Office of Administration is the fiscal and budgetary management arm of the East-West Center. This section provides the budgetary and accounting support essential to the development and implementation of the multifaceted substantive programs and support activities of the Center, and also serves a vital staff role to the Chancellor and the Institutes/Offices.

The finance section is divided into two branches: 1) business and accounting, and 2) budget and management analysis. The primary responsibilities of the business and accounting branch are: 1) developing and maintaining an accounting system which insures the proper accounting of Center funds and provides the information necessary to meet all internal reporting requirements of the Center and those of the University and State and Federal governments, and 2) reviewing and administering contracts and other financial arrangements with other agencies and institutions of the United States and Asian/Pacific countries. The budget and management analysis branch performs the full range of budget and management analysis, including assistance in the development, preparation and implementation of Center budgets and related policies and procedures and the conduct of analytical studies of Center operations.

Following the completion of a consultant study of the Center's financial management requirements, the finance section implemented recommendations accepted by management during FY 74 as the Center took another step toward a comprehensive accounting and budgeting system. Further modifications in the planning and budgeting system for FY 75 along with the advent of

annual funding required revisions in the accounting system and the establishment of a chart of accounts compatible with the planning and budgeting system. The necessary modifications were completed for a smooth conversion into FY 75.

FY 74 also brought an increase of \$725,000 in the Center's Congressional appropriation which reflects the Federal Government's continued support of the East-West Center. This gave the Center an operating budget of \$6.925 million for FY 74.

GENERAL SERVICES

The general services section of the Office of Administration is the auxiliary and logistics services component of the East-West Center. It is responsible for building and grounds maintenance, participant housing, mail/messenger, telephone, duplicating, conference logistics and inventory services. Responsibility for parking has also been recently transferred to general services from personnel.

Major accomplishments this year:

- A. central duplicating: 1) installation of a camera plate system for master-making to improve production quality; 2) completion of 439 duplicating jobs for a total of 3.1 million printed pages;
- B. maintenance/renovation: completion of 1,000 work requests generated from Institutes/Offices, including purchase and relocation of a former Hawaii-Kai model home/office building for CLI administration staff;
- C. mail/messenger: hire of new staff to assist in mail and other areas;
- D. conference logistics: provision of audio-visual, planning and other supportive services for 515 EWC meetings, 175 UH meetings, five National Science Foundation meetings and 15 outside meetings;
- E. inventory: submission of EWC inventory report for FY 1973 to Department of State in accordance with Grant-in-Aid Agreement No. 1069-7001;
- F. housing: 1) increase in dormitory room allocation for married participants from 18 to 33 double rooms; 2) establishment of an experimental group-living unit consisting of Fellows, married participants and single degree scholars; 3) planning and coordination of 119 student activities and events; 4) completion of new kitchens for Hale Manoa and expansion of Hale Kuahine kitchen facilities, and 5) expansion of an off-campus housing rental listing through classified advertising in the newspaper and compilation of housing information packet for all new Center staff and participants.

Other major events during the year include the acquisition of the Agricultural-Engineering buildings for classrooms, conference rooms and storage; the acquisition of the remaining CTC buildings for CLI; and the transferral of the housing operational funding from revenue to appropriated, eliminating monthly rental billings to programs.

INFORMATION SYSTEMS

The information systems section of the Office of Administration provides centralized, computer-related services to the management and programs of the East-West Center. Those services usually take the form of activities involving the design, implementation, operation and maintenance of computerized information reporting systems. The systems can be generally categorized into three areas:

- 1) management information applications,
- 2) program support, and
- 3) overhead activities

Management information applications are those which are used to store and retrieve data used in decision-making. They include applications in personnel, accounting, planning, budgeting, admissions and alumni records. Program support includes those applications which directly serve the substantive programs of the East-West Center. The most popular applications in this category are mailing address label systems. But they also include serving as consultants to researchers, and doing statistical and scientific programming for certain research projects. Overhead includes those systems and activities that are in support of other systems. Examples are: back-up procedures, general systems maintenance, and the improvement and maintenance of generalized computer systems used by other applications.

FY 74 saw the development and implementation of the first phase of our new program planning, budgeting and evaluation system. Another highlight of the year was the consolidation of several mailing label systems and extension of that service to more users. Our personnel system and participant data system both saw further development and improvement. About 2 1/2 per cent of our time was devoted to providing research support to institute staff members, fellows and grantees. We are looking forward to expanding that service in FY 75.

PERSONNEL

During FY 74, the personnel section was fully staffed for the first time in a number of years. A professional full-time personnel officer was hired in late October and a personnel analyst in May. Additional clerical support was provided by a stenographer who also served as a replacement for the personnel clerk during a six-month leave of absence. Full staff was on board in June.

Affirmative action compliance, with equal employment opportunity requirements, resulted in a new affirmative action plan, more rigorous appointment procedures, the development of six-year goals and timetables for the employment of women, and more vigorous and extensive searches for qualified women professional employees.

The new personnel system was found to be unclear in many areas, and extensive efforts were made to clarify policy and develop appropriate procedures for implementation. Many areas of conflict between Board of Regents personnel policies for the University of Hawaii system and the East-West Center were resolved during the year. Those that were not resolved are currently being addressed. The Center converted to an annual cycle for all promotion and salary adjustments to coincide with the conversion to July 1 anniversary dates. This became possible when the collective bargaining agreement resulted in suspension of annual increments, thus making it possible to annualize anniversaries to a common date without creating inequities.

Thorough and comprehensive promotion and salary adjustment review policies and procedures were implemented. Many salary adjustments pending from 1972 were initially disapproved by the Board of Regents personnel representative because of a number of administrative decisions which grew out of the fiscal plight of the University and the collective bargaining agreement. A number of these were finally resolved by year end.

An equal-pay-for-equal-work review began with job analysis of many positions. Eventually all positions will be analyzed. The position review will result in a comprehensive position classification, as well as criteria for the equal-pay review. When completed, any existing inequities among employees should be eliminated with an anticipated improvement of staff morale.

With the decision to move toward a status more autonomous from the existing governance by the Board of Regents, the personnel section assumed major responsibility for the development of a new personnel system with its compensation schedule being related to its source of funding—the federal government. Exhaustive studies began on salary administration and employees' benefits. Comparison of the present system to several federal systems as well as benchmark data from comparable institutions in the public and private sector are in the process of development.

Work began on a draft of an employee handbook but must wait until new personnel policies being developed for incorporated status are completed and adopted. Whereas at mid-year it appeared the personnel section might be inundated by the volume of work, at year end the light at the end of the tunnel was getting brighter.

APPENDIX A

Office of Administration

APPROPRIATIONS

Since its inception in October, 1960, the East-West Center has received a total of \$83,645,000, appropriations covering the period Fiscal Year 1960-61 through Fiscal Year 1973-74. A summary statement of appropriations by major categories of operations, scholarships and grants, and capital improvements is presented below. In Fiscal Year 1972-73 the categories were changed to education, research and training programs, and program direction, administration and institutional support services.

SUMMARY STATEMENT OF FUNDS Fiscal Years 1961-74

<u>Appropriations</u>	<u>Operations</u>	<u>Scholarships and Grants</u>	<u>Capital Improvements</u>	<u>Total</u>
FY 1961	\$ 338,895	\$ 1,500,130	\$8,160,975	\$10,000,000
FY 1962	759,925	2,540,075	--	3,300,000
FY 1963	1,460,000	5,425,000	1,455,000	8,340,000
FY 1964	1,786,600	3,313,400	--	5,100,000
FY 1965	1,814,700	3,485,300	--	5,300,000
FY 1966	2,000,000	3,800,000	--	5,800,000
FY 1967	2,100,000	3,700,000	250,000	6,050,000
FY 1968	1,956,500	3,263,500	--	5,220,000
FY 1969	1,941,400	3,318,600	--	5,260,000
FY 1970	1,941,400	3,318,600	--	5,260,000
FY 1971	1,941,400	3,318,600	--	5,260,000
FY 1972	<u>2,191,000</u>	<u>3,439,000</u>	<u>--</u>	<u>5,630,000</u>
Total	\$20,231,820	\$40,422,205	\$9,865,975	\$70,520,000

	<u>Education, Research and Training</u>	<u>Program Direction, Administration and Institute Support</u>	<u>Total</u>
FY 1973	\$4,956,396	\$1,243,604	\$ 6,200,000
FY 1974	5,485,000	1,440,000	6,925,000
		Grand Total	<u>\$83,645,000</u>

APPENDIX B

Office of Administration

PERSONNEL HIRES AND TERMINATIONS
(EWC-ALL FUNDS)

(By Head Count--Not Full Time Equivalent)

	<u>No. of Employees on 7-1-73</u>	<u>No. of Hires</u>	<u>No. of Terminations</u>	<u>No. of Employees on 6-30-74</u>
Professional- Administrative	138	35	31	142
Civil Service	<u>65</u>	<u>19</u>	<u>14</u>	<u>70</u>
Total	203	54	45	212

APPENDIX C

Office of Administration

STAFF

Director

Ronald D. Boggs

Judy Seichi, Senior Administrative Assistant

Finance

Michael Unebasami, Finance Officer

Raymond Sokugawa, Budget Management Analyst

Edward Hamada, Comptroller

Evelyn Mizuo, Assistant Comptroller

General Services

Masaji Saito, General Services Officer

Amy Narimasu, Administrative Analyst

Ryojin Kuwaye, Supervising Clerk

Housing

Wallace Fujikawa, Housing Manager

Walter Quensell, Resident Head

Glenn Yamashita, Resident Head

Joanne Punu, Resident Head

Brent Watanabe, Off-Campus Housing Officer

Logistics

James McMahon, Logistics Officer

Information Systems

Jay Roger Hayden, Information Systems Officer

Kay H. Hoke, Systems Specialist

Max Starr, Systems Specialist

Thelma Inouye, Systems Specialist

Personnel

Kim G. Seixas, Personnel Officer

Rebecca Lembeck, Personnel Analyst

OFFICE OF PARTICIPANT SERVICES

Further strengthening and clarification of the services and responsibilities of the Office of Participant Services took place during FY 74. Reorganization within the Office was required to meet increased needs in several areas, and changes in emphasis in others. Job descriptions were loosened to permit regrouping of staff members to meet special needs and to provide for greater utilization of all staff resources.

The admissions officer was redesignated field liaison officer, with important responsibilities in relation to the bi-national commissions and Center representatives in over thirty Asian and Pacific nations. A highly-qualified staff member was assigned as orientation and counseling officer, with significant duties in connection with orientation of participants, mid-grant conferences, pre-departure programs, and the coordination of counseling activities. Another Participant Services staff member was reassigned as participant selection officer to give major attention to the degree scholar competition. The Community Relations Office was redesignated as the Volunteer Services Office to reflect several changes in the program. The newly-designated volunteer services officer serves as executive officer of the Friends of the East-West Center, which continues to provide a broad range of valuable auxiliary services to EWC participants. Close cooperation between the volunteer services officer and the participant activities liaison officer resulted in significantly-increased opportunities for social and cultural interchange for EWC participants with groups and individuals within the community.

The reception and programming of visitors to the Center, formerly a responsibility of the Community Relations Office, was assigned by the Chancellor to the Office of Publications and Public Affairs as more appropriate to that office's function. This change involved the transfer of a staff member from Participant Services to Publications and Public Affairs.

Expanded services to the professional development and research program of the institutes were extended during the year, in an effort to enhance the short-term participant's experience while in Hawaii. Participant Services staff members serve as liaison persons with the professional development and research program planners in each of the institutes and Open Grants, helping to provide meaningful contacts with community groups and individuals, information on special and on-going activities within the Center, and on cultural and recreational opportunities available within the community.

A visa/records coordinator was appointed to provide visa counseling and monitor the Center's use of the Exchange Visitor Program as well as to provide back-up support for the increasingly useful computerized personnel data system.

Problems

Voluntary involvement of staff and participants in intercultural activities which cut across categories of participants, disciplines and Center units is of major concern. The need for an East-West Center identity and feeling of loyalty to its goals are vital to its continued well-being. The Office of Participants Services feel it has an important contribution to make in this area and is challenged to seek new and more effective avenues of service.

ORIENTATION AND COUNSELING

The orientation and counseling officer coordinates the Inter-Institute Student Conferences and other shorter-term orientations for professional development groups, and provides counseling and advisory services to participants. Working closely with the institutes and other administrative units, the orientation and counseling officer plans, develops and implements orientation and counseling activities which maximize participation in East-West Center programs and facilitate the overall adjustment of individuals and groups.

In addition to planning and implementing the initial orientations, mid-grant conferences and pre-departure conferences, the orientation and counseling officer provides direct assistance to other East-West Center programs which counsel participants for individual, academic and interpersonal problems. Such counseling generally takes place on a one-to-one basis with the participant. All Orientation and Counseling activities are aimed at 1) minimizing personal and interpersonal problems; 2) providing coordination for specific problems that require consultation by various offices; and 3) giving every participant as much support as possible in his or her overall adjustment to the East-West Center, the University of Hawaii, and the community. The orientation and counseling officer, working closely with other staff members, develops informal workshops, seminars, and intercultural activities which promote interaction and communication among participants.

During FY 74, the orientation and counseling officer organized and implemented two student orientation programs, one mid-grant conference, and two pre-departure seminars. He provided direct services to five professional development projects by organizing and implementing one- and two-day programs for these short term groups and, with the assistance of the Orientation Advisory Committee, made substantial changes in the format used for orientations. These changes include a stronger emphasis on cross-cultural communication, experiential learning, and cross-national and cross-discipline interaction.

The orientation and counseling officer provided direct, face-to-face counseling support to individuals and provided in-service training sessions to resident assistants working in the dormitory.

Specific plans for FY 75 include a strengthening of the counseling role by 1) increasing contact with participants; 2) improving liaison to other staff members; 3) coordinating development of guidelines for handling problems germane to mental health; 4) providing more activities which facilitate communication and interaction; and 5) providing further counseling and orientation services to the Institute programs.

FIELD LIAISON

The title of the Admissions Office was changed to reflect the importance of creating and maintaining focused liaison with field representatives in Asia and the Pacific. The overall responsibilities of the Field Liaison Office have been expanded to encompass five areas: 1) planning and coordinating long-range admissions operations and recruiting efforts for all types of Center participants; 2) acting as the Center's primary liaison with field selection representatives (U.S. Embassies, Bi-national panels and commissions in more than 30 countries and territories); 3) providing each institute with a pool of applicants of the broadest range of cultural backgrounds and academic disciplines and, when requested, a pool of applicants of a specific type for degree scholarships or professional development activities; 4) coordinating University of Hawaii acceptance of degree scholarship applicants; and 5) admitting candidates awarded grants.

In discharging the above responsibilities, the office was staffed by the field liaison officer, the participant selection coordinator (from December 1973) and three clerical personnel. For the 1973-74 selection year, the Field Liaison office received and processed the following volume of applications:

	<u>Applications Received</u>	<u>Scholarships Awarded</u>
Asian/Pacific	435	88
United States	380	51

A uniform methods was established for the reimbursement of field screening expenses in Asia/the Pacific.

The first steps were taken to clarify the services required from field representatives by the Center through proposed memoranda of understanding.

A workshop for field representatives was held under the sponsorship of the Chancellor's Office. A number of field representatives met to discuss selection procedures, involvement in the selection and nomination of professional development and fellow participants and to learn more about institute programs. The results were highly gratifying and provided impetus for increased involvement of field representatives in East-West Center training programs.

There was expanded recruiting of minority students for degree scholarships through personal contacts and the use of national locator services.

In Asia and the Pacific the problems of application documentation and of meeting deadlines continues to prevent the consideration of a large number of applicants. Procedures to periodically monitor the scholarship competitions are being established.

The recruiting of U.S. students with professional experience remains a difficult task calling for innovative publicity techniques. Recruiting for institute projects for both degree students and for professional development participants is being initiated.

Limitations on enrollment in a number of major University of Hawaii departments continue to reduce the flexibility desired in accepting participants for EWC institute projects.

ALUMNI, RECORDS AND VISA

The overall responsibilities and services of the Alumni, Records and Visa Office fall into the following six categories: a) individual and programmed contact with alumni and alumni associations; b) in coordination with other Center staff, development of studies, statistics and evaluation in relation to alumni, current and total Center participants; c) development of publications for and about alumni; d) maintenance and use of the computerized participant data system (PDS) on alumni and current participants; e) maintenance of visa sponsorship records for all current participants and those alumni still on our sponsorship; and f) under direction of the field liaison officer, developing more efficient contact with and program involvement with EWC field offices.

The staff involved in the above responsibilities were the alumni liaison officer, field liaison officer, research statistician, temporary assistant-in-visas, a stenographer, and late in the year a typist.

Documentation of the report writer system was completed for the computerized participant data system, and a start was made on an outreach program to demonstrate PDS's usefulness. PDS now has over 80 reports that can be run on a base of 17,000 grants.

The Center's visa control program for all current participants and pertinent alumni was centralized into our office, and policy documentation of U.S. Immigration, East-West Center and home-country regulations was systematized. The office handled some 750 visas. Also centralized in this office was the monitoring of proposed individual grant changes in respect to U.S. Immigration, East-West Center and home-country regulations. Such clearances were made on 250 proposals.

The alumni mailing address base was doubled by the inclusion of all new institute professional development alumni. The base now has 6000 addresses.

For the first ten months of the year, the office continued to have a manpower problem, particularly in the visa control program which has been in the hands of temporary personnel for the full year.

Several major alumni projects had to be curtailed or postponed because of lack of staff time, and because of a six- to twelve-month slowdown on the programming necessary to expand PDS-related activities. The PDS change notification system has not operated all year; the mailing label system became active only in late June, and therefore only one mass mailing was made during the entire year. Publication of the alumni address directory was postponed, but hopefully can be split between the next two fiscal years.

In FY 75 the work of the records section will continue to expand, particularly in producing reports and statistics for the benefit of all Center personnel, participants and pertinent outside agencies.

Expanded alumni programs, especially support of alumni association projects, will be keyed to the proposed addition of an assistant alumni liaison officer. It is envisioned that this position will be filled on a year-by-year basis by alumni of the East-West Center. This particular approach is being proposed to improve coordination between the field and the Center, to re-introduce the knowledge and enthusiasm of alumni to current programs, to vary the national viewpoints in program development, and to further the East-West Center goal of involving mid-management Asians and Pacific participants in the continuing programs of the East-West Center after they return to their home jobs.

The role of alumni in the field portions of Center programs should continue to develop, and will be a major thrust of this office's interests in the coming years.

There will be more coordination with, and support of, the evaluation and planning officer in evaluating the Center's program concept and accomplishments through its alumni.

PARTICIPANT ACTIVITIES LIAISON

The activities and services provided by the Participant Activities Liaison office are aimed at complementing the various programs provided participants in their institutes and Open Grants. The office supplies the initiative and coordination for efforts to promote interaction among all levels of participants -- degree students, professional development, fellows and staff -- of the multicultural, problem-oriented institutes and Open Grants and cooperates with other units both within Participant Services and the Center at large in meeting this task.

Since reorganization within Participant Services, the staff for Participant Activities Liaison office includes a coordinator and one stenographer.

In addition to the academically-related program activities, participants at the Center are provided with a multitude of opportunities for sharing their cultural expression. A variety of settings such as Tuesday Night programs in the dormitories, Film Series, lectures and seminars, as well as other social and recreational activities are open to all, and individuals are encouraged to become involved in sharing their cultural experiences through these avenues.

The staff also provides various counseling and advisory services particularly through the East-West Center Students Association activities and the administration of the Graduate Activities Fund. A bi-monthly FLASH -- a calendar of Center-wide events -- and other publications are also made available to participants.

In addition to its on-going programs, the office was involved in coordinating several special events, including the January Exhibit of photographs and art from relocation camps for Japanese-Americans during WWII. In conjunction with the exhibit, a symposium was held with Rep. Patsy Mink and Rep. Spark Matsunaga joining local community people in discussing "The History of the Internment," "The Hawaiian Experience," and "Significance of the Internment for the Future." The exhibit drew more than 5,000 visitors.

In February the office sponsored a mini John Ford Film Festival, and in June sponsored a tribute to Merchant-Ivory productions with a special guest appearance by Indian film producer Ismail Merchant to inaugurate the Summer Film Series.

A continuing highlight of a degree student's experience at the Center has been the Inter Island Tour in which participants visit the neighbor Islands in small groups and share their various cultural experiences with the Hawaiian community. In January, 75 participants took advantage of this unique opportunity to live with host families and visit high schools, participating in discussions with Hawaiian students through cooperation with the Pacific and Asian Affairs Council. Eleven members of a Culture Learning Institute professional development activity joined the degree students in this year's program which not only brings a greater awareness of the culture of Hawaii to Center participants but also encourages greater understanding of the various cultures represented among the individual members of each group.

A recurring problem in the Participant Activities Liaison office is stimulating interest and participation in intercultural projects and overcoming varying degrees of apathy, particularly among those Asian participants who are achievement-oriented to the extent that they are reluctant to divert time from studies to other activities. This problem is heightened as the institutes and the University make increased demands on the amount of time the participants have to devote to their non-academic pursuits.

VOLUNTEER SERVICES

The volunteer services officer serves both as a regular member of the Participant Services staff, and as executive officer of the Friends of the East-West Center, approximately half-time in each capacity. In conjunction with the Office of Participant Activities Liaison, the Volunteer Services office develops and carries out programs which maximize EWC participants' exposure to Hawaii, American culture, and the Honolulu community. Services are also coordinated with those offered by the rest of the Participant Services staff and others, including the institutes, dormitories, EWCSA, and Publications and Public Affairs Office.

The executive officer of the Friends of the East-West Center assists the Friends in carrying out their programs to benefit the Center and its participants. Two full-time secretaries and a part-time student assistant also aid in the implementation of programs and provide clerical assistance to the Volunteer Services office and Friends' projects.

With a membership of approximately 800, the Friends of the East-West Center, through its thirteen active committees, its Board of thirty members, and its hundreds of volunteers, continues to make a significant and generous contribution to the life of the Center, with emphasis on enhancement of the experiences of participants while in Honolulu.

The Friends budget is almost \$10,000 annually and includes items for membership and volunteer activities, National Review Board and official visitors, magazines and newspapers, seminar participant hospitality, Fellows, English-in-Action, Host Family, married grantees, and ticket subsidy programs. The basic emphasis in budgeting and spending is to give priority to serving those with the most limited incomes (i.e. students, spouses, and PD participants). Income is derived from memberships, occasional money-making projects, and sale of slides and postcards at the Friends' desk. A membership drive is soon to be undertaken, and for the first time an alumni appeal will be made, thanks to a list of local EWC alumni now available.

Overall membership activities included an annual meeting in September which was attended by 105 people. Three newsletter mailings during the year helped to keep members apprised of events and major programs of the Friends. The Senior Fellows Committee carried out an active year-long program, with a total of 395 attending seven events. The Host Family Committee paired 114 students with "homes away from home," and held a reception for 75 people at Christmas time.

Ninety Friends volunteers attended three orientation sessions at the Center, with the Chancellor, institute directors and other executive officers joining with a full range of participants in explaining the various programs of the Center. These sessions proved especially valuable for tour guides, who seek to keep informed on Center progress and trends. Friends' services to Center guests included 425 people attending luncheons and receptions, aloha packets for 374, and leis for 471 participants. Hospitality was extended during the year to approximately 120 special visitors, to members of the National Review Board, and to the U.S. Advisory Commission on Educational and Cultural Affairs.

The English-in-action program pairs volunteers with participants needing informal assistance in English; 28 sets of tutors and participants were paired this year.

One of the most visible means of Friends support is seen daily at the Jefferson Hall desk, where volunteers answer questions and process the 52 magazines and 96 newspapers which arrive regularly for use by lobby readers from the Center, the University and the community. An average of 20 desk volunteers each month spent approximately 1,440 hours during the year at this service to participants and the general public.

Friends are now being invited to attend sessions of the seminars and workshops in which they are interested. Content programming and participation was a Friends guideline set up this fiscal year and will continue to be emphasized in the future. Friends will both initiate services and be involved in some manner in rendering them.

A major and continuing effort was made to serve the needs of professional development participants. Weekend outings were planned at the request of various professional development program planners, and the community resources available through the Friends and their wide contacts were made available to this group.

Keeping interested members of the Friends informed of coming events at the Center in which they might wish to participate, with ample time for planning, continues to be a problem. Staff members of the Office of Participant Services have now taken on liaison assignments with each of the institutes and Open Grants in an effort to overcome this problem.

Making maximum use of local individuals and resources in EWC programs is another challenge receiving increased attention.

APPENDIX A
VOLUNTEER SERVICES STATISTICS

Friends of the East-West Center

	No. Attending
Senior Fellows	
Aloha Hours	100
Washington Place visit	25
Chinese Consulate visit	30
Christmas Party	100
State Capitol tour	20
Pearl Harbor tour	45
Potluck Supper	75
Institute Hospitality	425
VIPs	63
NRB	60
Volunteer training meetings	90
Volunteer recognition luncheons	63
Host family reception	75
Host families in program	114
Thanksgiving hospitality	11 families 29 students
Christmas hospitality	5 families 13 students
English-in-action tutors	28
Newspapers arriving regularly in lobby	60 in English 36 in foreign languages
Magazines arriving regularly in lobby	52
Aloha packets presented	374
Leis presented	471
Issues of newsletter (2 x 816)	1,932 copies circulated
Members of Friends	787 individual 29 corporate
Friends reception for new staff	25
Friends annual meeting	105
Average of desk volunteers per month	20

	No. Attending
Hours spent by desk volunteers (6 x 12 x 20)	1,440
Executive committee meetings with Chancellor	8
Planning and miscellaneous Friends meetings	45
<u>Activities Organized Through Participant Services</u>	
Events, trips and tours	
Spalding House - Academy of Arts	9
Capitol Building and historical area	15
Aquarium and Zoo	7
Ulu Mau Village and Sea Life Park	20
Flora Pacifica	14
Bishop Museum	9
Paradise Park and Manoa Falls	14
Sociology tour of Honolulu	45
Pearl Harbor tour	45
Hula instruction	6
Fun and Games Day at EWC	250
Speaking at orientation, meetings, etc.	
Mid-grant conference	90
Womens Campus Club	35
YWCA	25
New students orientation	15
Campus and community personal contacts	125
Programming services for visitors (NRB, Advisory Board, Misc.)	35
EWC staff contacts	75
Participant and student contacts	325

Tickets Subsidized by the Friends of the East-West Center

State Fair - 20; Godspell - 10; Sea Life Park - 41; Bing Crosby's Hawaii Experience - 20; Commedia - 12; Elton John - 15; Firewalkers of Fiji - 15; National Chinese Opera - 10; Cleveland Orchestra - 10; Hawaii 1800 - 25; Pangkat Kawayan Orchestra & Bayanihan Dancers - 10; Hawaii Geographic Society - 6; Bayanihan - 10; Dances of Old Hawaii - 10; Joan Baez - 10; Joni Mitchell - 5; Japanese Noh Play - 10; Paradise Park - 13; Japanese Awaji Puppet Theatre - 10; Manoa Valley Theatre - 10; American Film Theatre - 16; Polynesian Cultural Center - 100; Opera - 54; Hawaii's Night of Nostalgia - 10; Roberta Flack Concert - 10; Symphony - 80.

Gift Tickets

Royal Development Company - 1,154; Nippon Theatre - 150; HCT - 2; Ice Capades - 46; Opera - 1; Symphony - 18; Manoa Valley Theatre - 2; E. E. Black's Recognition Banquet - 2; Flora Pacifica - 10; Kailua Jaycees Variety Show - 2.

APPENDIX B

Office of Participant Services

STAFF

Director

William L. Wheaton

Orientation and Counseling Officer

Peter Adler

Field Liaison Officer

Jack L. Durham

Participant Selection Officer

June Hirano

Alumni Liaison Officer

Jeannette Bennington

Participant Activities Liaison Officer

Jane Harris

Volunteer Services Officer

Janet Seifert

Research Statistician

Claire Muranaka

OFFICE OF PUBLICATIONS AND PUBLIC AFFAIRS

The Office of Publications and Public Affairs is a support service for the Chancellor's office and all Center programs. Its primary responsibility is to build lines of communication aimed at stimulating cooperation between the East-West Center and the many institutions, agencies and individuals with an active or potential interest in Center programs and goals in the U.S., Asia and the Pacific area.

The main functional subdivisions of the Office of Publications and Public Affairs are publications (coordinating publication of scholarly works through the University Press of Hawaii, supervising production of research and other program publications from the five Institutes; media and audio visual information (news/feature articles and photos, assistance to mass media reporters and specialized writers and production of videotaped and motion pictures); and public affairs (planned personalized activities which range from organizing public lectures and seminars to briefing visitors). All activities are aimed at increasing awareness, understanding, participation and support for East-West Center programs and for the achievement of its goals.

Along with scholarly publications, information on the Center's programs and intercultural activities is directed on a selective basis to government administrators, private organizations with international interests, educational authorities and others interested in fields of East-West Center concern. These include prospective grantees at the graduate level, mid-career professional and senior research levels; government institutions and agencies in Asia, the Pacific and the U.S.; influential segments of press, radio and television; international institutions; private foundations and enterprises; and the general public.

Of specific concern is the U.S. Congress, which provides basic funding as a matter of broad foreign policy; Asian/Pacific governments and institutions which increasingly are sharing in the cost of cooperative projects; elements of the UH and other educational institutions which bring mutual academic, research and training strength to Center programs; the National Review Board, which represents the national interest in the Center; and East-West Center participants and alumni on whose performance the Center is judged after they

return to careers in their home countries. As the Center grows, effective internal communication becomes increasingly important to give staff and participants a sense of Center-wide involvement.

Communication links with these institutions, organizations and individuals are maintained and developed through a variety of methods including book publishing, mass media publicity, lectures and exhibits, visitor briefings, and informational publications such as a general magazine, annual reports, annual program bulletins, project brochures and posters.

EAST-WEST CENTER BOOKS

Eight new titles were published as East-West Center Books during FY 74 under arrangements with the University Press of Hawaii. Four titles from the backlist were reprinted in response to continuing demand. A total of 30,406 volumes were sold during the year, with net sales of just under \$150,000--about the same level as in the preceding year.

The year marked the conclusion of the initial three-year publishing agreement for East-West Center Books following the combination of the East-West Center Press and the University of Hawaii Press to form the new University Press of Hawaii. The combined press operation was instituted as an economy measure which has saved the East-West Center at least \$100,000 in scholarly book publishing costs as compared with prior operation of its own wholly-directed press. The publication agreement with University Press of Hawaii was extended through FY 75 pending a re-evaluation of all Center publications, which have grown substantially as a direct result of research in the Center's problem-oriented programs instituted in 1970. During the last three years, 25 new titles were published under the East-West Center Book imprint, and 14 reprints of backlist titles were produced.

Of the eight original titles published in FY 74, three were written by East-West Center staff and participants. They were: Japanese Research on Mass Communication: Selected Abstracts, by Hidetoshi Kato; The Pacific Islands Press, by Jim Richstad, Ralph D. Barney and Michael McMillan; and Micronesia at the Crossroads: A Reappraisal of the Micronesian Political Dilemma, by Carl Heine. (See Appendix A.) The University Press of Hawaii also undertook sales distribution of an East-West Communication Institute report, Using Commercial Resources in Family Planning Communication, a collection of papers edited by Michael McMillan.

Of the total sales, 23 percent were foreign. Of this percentage, 76 percent were to the Pacific-Asian countries (exclusive of Hawaii). This figure is unmatched by any other American university press. Certain titles published during the year were given special formats or were developed in cooperation with foreign publishers.

Unsuji and Micronesia at the Crossroads were released in cloth and paper simultaneously to reach as wide a market as possible. Australian National University Press imported an edition of Micronesia at the Crossroads for the Australia-New Zealand market.

The Kabuki Theatre, long recognized as a classic study of the subject, was issued as a paperback through arrangements with Oxford University Press and the author. A Study of Japanese Culture was imported from the University of Tokyo Press. Poems from Korea, part of the UNESCO Korean Series of the Translations Collection, was co-published with George Allen & Unwin, Ltd., of London.

INFORMATION PUBLICATIONS

The East-West Center Magazine, a general informational publication describing the East-West Center program activities and the current work of alumni, was expanded to quarterly publication with the inclusion of the Summer 74 issue in FY 74. Four issues will again be published in FY 75. Intrachange, a bi-weekly newsletter containing news of Center activity was expanded to include more news of program activities, and will be up-graded to weekly status during FY 75.

The first issue of a companion publication to the Annual Bulletin, the Professional Development and Research catalogue, was put together in the early months of FY 74. Its succeeding issue for FY 75 will more closely reflect the organizational and program makeup of the Center, as does this issue of the Annual Report.

The visit of two groups of officials and academicians from the People's Republic of China prompted the need for a Chinese version of the standard EWC Fact Sheet. And repeated questions about the beautiful Japanese Garden on campus provided the impetus for a Japanese Garden Brochure. (See Appendix B for details.)

PROGRAM PUBLICATION ASSISTANCE

Staff work load again increased as Institutes and offices initiated approximately 20 percent more publications this year than last--over the past three years publications activity of the Center has increased three-fold, while being supported by essentially the same staff in Publications and Public Affairs. The addition of a full-time publications assistant to work in the area of production is expected to greatly relieve this problem in FY 75. (See Appendix C for details.)

MASS MEDIA RELEASES

A total of 111 news releases and feature articles were written and distributed during FY 74, an increase of 16 over the preceding year. Target media for East-West Center news and feature material continued to be local press, radio and television for maintaining Honolulu community support, as well as appropriate media outlets on the U.S. mainland and throughout Asia and the Pacific area. A notable addition was a continuing East-West Center section in the revised Exchange, quarterly publication of the U.S. Advisory Commission on International Educational and Cultural Affairs.

AUDIO-VISUAL PRODUCTION

The first of a series of videotape recordings was produced to inform binational commissions, U.S. cultural affairs officers and cooperating institutions in Asia and the Pacific area about specific Center programs. Financed by a grant from the Charles Eberhard Foundation, the videotape recordings are aimed at better identifying and informing potential Center participants and cooperating institutions in the growing number of professional development and research projects being conducted by the problem-oriented institutes of the Center.

The first videotape recording was an interview with Chancellor Everett Kleinjans by the Director of the Office of Publications and Public Affairs in which specific projects and participant selection criteria were described. Scheduled for FY 75 are individual videotape recordings detailing the projects in each of the five Institutes. The U.S. Information Agency is cooperating by distributing the videotape recordings to each of its cultural affairs officers in the Asian and Pacific countries served by the East-West Center. USIA videotape facilities at each post are made available to binational commissions and other selection agencies, as well as to audiences of potential participants.

Authorization also was received for production of a 30-minute 16 m.m. motion picture in color to be used by national commissions in improving nomination procedures. The film, to be produced in FY 75, will replace A Bridge for the Pacific, a motion picture on East-West Center activities produced in 1968. The new film will concentrate on the problem-oriented approach of Center programs instituted since the old film was made.

PUBLIC AFFAIRS

The number of visitors who requested special orientation sessions about East-West Center programs, or conducted tours of Center facilities, reached an all-time high in FY 74--a total of 3,258 compared to 2,599 in the previous year. Most notable group, reflecting the growing

institutional cooperation ties resulting from the Center's problem-oriented program activity, was composed of 40 Asian/Pacific businessmen and government trade officials who participated in a two-day seminar in cooperation with the UN Economic Commission for Asia and the Far East (ECAFE) and the Washington State Commission for Trade and Development. ECAFE officials requested that the group meet at the East-West Center for discussions with staff and fellows of the East-West Food Institute and the East-West Technology and Development Institute before proceeding to Seattle and Spokane for the Washington State Commission phase of the joint conference. (See Appendix E.)

A total of 1,662 persons were in such special orientation groups, compared to 596 the previous year. More than 250 persons, including 110 Asian/Pacific men and women invited to the U.S. on Department of State international visitor grants, visited the Center for specialized meetings with staff and participants for discussions in their fields of professional interest. Another 1,271 persons signed up for the daily tours of the East-West Center conducted by volunteer guides from the Friends of the East-West Center.

During the year 194 East-West Center fellows and graduate students, primarily from Asia and the Pacific, were invited by Honolulu community organizations and families to speak at service club functions or participate in other community events.

In December the visit to Honolulu of nine foreign language teachers from the People's Republic of China, ending a tour of the U.S., was coordinated by the East-West Center. The teachers were guests at a dinner given by Chancellor and Mrs. Everett Kleinjans and spent one day observing East-West Center programs, in addition to visits to the UH and the public schools.

In April, the East-West Center cooperated in the week-long visit of a group of 20 Australian Aborigine dancers ending a tour of the Pacific islands sponsored by the Australian department of foreign affairs. An estimated 2,500 people watched the troupe perform Aborigine dances in the Japanese garden of Jefferson Hall. The dance troupe stayed in Hale Manoa dormitory during its stay in Hawaii.

Another event which drew the public to the East-West Center in May was the ceremony honoring Titus Chan, Canton-born teacher and television cooking star, for his contribution to intercultural understanding in everyday life. The East-West Center Award, sponsored by Vice Chancellor-Emeritus Y. Baron Goto, was presented to Chan in recognition of the insights into Chinese culture he has provided in his Chinese cooking series on Public Television.

The U.S. Advisory Commission on International Educational and Cultural Affairs met at the East-West Center in March for the first time in nine years. Following the orientation on East-West Center programs, Chairman Leonard Marks reported the Commission had called for a study on the feasibility of establishing a North-South Center to link North and South America in cooperative educational, intercultural programs similar to those of the East-West Center.

Other groups requesting East-West Center program orientation included students from the World Campus Afloat, conducted by Chapman College of California, in September, February and June; 20 educators of the National University Extension Association; 24 teachers on an Asian study tour organized by Towson State College of Maryland; 40 women embarking on an Asian study tour sponsored by Church Women United; 10 Asian/Pacific student leaders invited by the Department of State to visit the U.S.; and a group of 20 Australian book sellers going to the U.S. mainland for a meeting of the National Association of College Book Stores.

PHOTOGRAPHIC SUPPORT

The Office of Publications and Public Affairs served as the primary source of photographic support for all East-West Center program and support activities. With one information specialist devoting a major segment of time towards this area, a wider range of visual informational projects and increased support capabilities have been made available. During FY 74 more than 200 individual photo assignments were undertaken. Photos were distributed to the news media and used in a variety of Center publications.

Production was reduced due to a three-month renovation of the staff photo lab as well as a six-week hiatus between the departure of the incumbent information specialist/photojournalist in August and the arrival of Information Specialist Arnold Kishi in October to take on major photo activities.

Establishing a photo archives of the Center's 15 years of activities in photographs and color transparencies is one project underway. Another is the production of photo exhibit packets for distribution to overseas selection agencies.

In addition, the Office of Publications and Public Affairs has begun to provide increasingly more advice and technical support to the institutes to meet a growing need to record field activities in different forms of visual media, i.e., still black and white and color photos, videotape, and movies.

APPENDIX A

Office of Publications and Public Affairs

EAST-WEST CENTER BOOKS

Original Publications

Hidetoshi Kato
JAPANESE RESEARCH ON MASS COMMUNICATION:
SELECTED ABSTRACTS
ISBN 0-8248-0345-0 LC 74-81141
128 pp., paperback, \$3.50

The foreword by Dr. Wilbur Schramm, Director of the East-West Communication Institute, points out that Kato's work contains 98 long abstracts in English of significant Japanese research in the field of communication. Its primary purpose is to serve scholars outside Japan with abstracts of research in the last 20 years, ranging from the use of radio by blind people to newspaper readership studies. Kato spends part of each year at the East-West Communication Institute as a staff Research Associate, and works the rest of the time in Kyoto, Japan, where he is Director of the Communication Design Institute.

Giei Sato, Eishin Nishimura and Bardwell L. Smith
UNSUI: A DIARY OF ZEN MONASTIC LIFE
ISBN 0-8248-0277-2 (cloth) \$8.95
ISBN 0-8248-0277-1 (paperback) \$4.95
160 pp., illus. in color LC 73-78112

Ninety-seven watercolor sketches of the daily routine in a Zen monastery are the dominant feature of the book. It offers fresh insights into the daily life of the Zen monks as depicted by Giei Sato, a priest of the Hosen-ji temple of the Tofuku-ji school of Zen Buddhism. The set of sketches in Unsui (the word means apprentice monk) was completed shortly before his death in 1967. Each watercolor of the everyday life scenes of monastic life is accompanied by a short description text, much in the form of a diary, written by Eishin Nishimura, an associate professor of religion at Hanazono College of Rinzaï Zen and a priest of Tofuku-ji temple. The volume is edited by Dr. Bardwell L. Smith, professor of religion at Carleton College in Northfield, Minnesota.

George Z.F. Bereday and Shigeo Masui
AMERICAN EDUCATION THROUGH JAPANESE EYES
ISBN 0-8248-0249-7 LC 72-91619
192 pp., \$10.00

The book records many of the "curiosities" noted by 150 of Japan's foremost teachers who were observers in American public schools in the Japanese-American Teacher Program conducted from 1964 to 1968. Japanese comments on the diversity of organization in American schools make the volume a keystone among works dealing with comparative education. Dr. Bereday is professor of comparative education at Teachers College, Columbia University, and Dr. Masui is director of the Second Research Department, National Institute for Educational Research in Tokyo. They served as co-directors of the teacher exchange program.

Peter H. Lee
POEMS FROM KOREA: A HISTORICAL ANTHOLOGY
ISBN 0-8248-0263-2 LC 73-80209
196 pp., \$7.50 (I, L)

The poetic tradition of Korea covering some 1,300 years is presented in this collection of 120 poems which comprises the most comprehensive anthology of Korean poetry ever published in English. It is published as part of the UNESCO Collection of Representative Works, Korean Translation Series. Dr. Lee, born in Korea, is professor of Korean and comparative literature at the University of Hawaii.

Jim Richstad and Michael McMillan
THE PACIFIC ISLANDS PRESS
ISBN 0-8248-0291-8 LC 73-83935
94 pp., (6 x 9), \$2.95

The Pacific Islands Press, one of the results of a research project in the East-West Communication Institute, is the first comprehensive directory of the press in Oceania. It lists 61 publications ranging from daily newspapers to quarterlies. The book is designed to serve as a much-needed reference for journalists, researchers, scholars, advertisers and others seeking information media in the Pacific Islands. The compilation was undertaken by Dr. Ralph D. Barney, of Brigham Young University while working as a Fellow at the East-West Center. Dr. Richstad is Research Associate at the East-West Communication Institute, and McMillan is a researcher.

Carl Heine
MICRONESIA AT THE CROSSROADS: A REAPPRAISAL
OF THE MICRONESIAN POLITICAL DILEMMA
ISBN 0-8248-0273-X
ISBN 0-8248-0278-0 (cloth) \$10.00
LC 73-78911 (paperback) \$2.95
250 pp. (5 1/2 x 8 1/2)

The book is the first straightforward discussion of the several alternatives for drastic political change in the U.S. Trust Territory of the Pacific Islands (Micronesia) written by an insider. Heine, who was born in the Marshall Islands, joined the Trust Territory government after a college education in the United States, becoming deputy district administrator for the Yap district, Western Caroline Islands, in 1969. From 1971 to 1973 he was staff director of the Joint Committee of Future Status, Congress of Micronesia. Currently he is a degree scholar at the East-West Center, studying for a master's degree in political science at the University of Hawaii.

Earle Ernst
THE KABUKI THEATRE
ISBN 0-8248-0324-8 LC 73-91460
368 pp. (6 1/4 x 9 1/4, illus.), paperback \$4.95

Acknowledged by the Times Literary Supplement as "the best book on Kabuki in a Western language" when first published in 1956, the new East-West Center Books edition includes a preface in which Ernst discusses current developments in Japanese theatre. Ernst was for many years professor of drama and theatre at the University of Hawaii.

Eichuro Ishida and translated by Teruko Kachi
JAPANESE CULTURE: A STUDY OF ORIGINS AND CHARACTERISTICS
ISBN 0-8248-0325-6 LC 73-92494
156 pp. (6 x 9), \$9.00

In this study, one of Japan's pioneering scholars in the field of cultural anthropology analyzes pertinent linguistic, archeological, historical and ethnological data in an attempt to identify the essential character of Japanese culture. The book should appeal to all specialists and students of Japanese culture as well as to those concerned with studies of comparative sociology and behavior.

Reprints

Moore, THE CHINESE MIND (Fourth printing)

Young and Nakajima, LEARN JAPANESE COLLEGE TEXT,
Vol. I (Seventh printing)

Young and Nakajima, LEARN JAPANESE COLLEGE TEXT,
Vol. III (Fifth printing)

Young and Nakajima, LEARN JAPANESE COLLEGE TEXT,
Vol. IV (Fourth printing)

APPENDIX B

Office of Publications and Public Affairs

INFORMATIONAL PUBLICATIONS

East-West Center Magazine

Issues -- 4 (Summer 1973, Fall 1973, Spring 1974, Summer 1974)
Copies -- 10,000 each issue
Purpose -- To increase knowledge of the Center and support for its goals by providing interesting articles and feature stories about participants, alumni, activities and developments at the Center; also to maintain alumni links.
Audience -- General audience throughout the U.S., Asia and the Pacific area with interest or potential interest in EWC goals, programs and activities. Includes Congress, Friends of EWC, relevant UH faculty, and former participants in EWC programs.

Professional Study and Research Catalogue

Issues -- 1
Copies -- 1,500
Purpose -- To provide prospective EWC participants and cooperating institutions with accurate, detailed information about professional development and research activities conducted during the year.
Audience -- Active and potential participants, and institutions and agencies from which Aud these participants might be drawn.

Thirteenth Annual Report

Issues -- 1 (September 1973)
Copies -- 1,000
Purpose -- To provide detailed descriptions and figures pertaining to the operations of all Institutes and supporting offices for the preceding fiscal year.
Audience -- Cooperating institutions, U.S. Congress, educators, EWC administrators, Board of Regents, potential funding sources, other selected audiences.

Intrachange

Issues -- Newsletter bi-weekly
Copies -- 1,500 each issue
Purpose -- To improve communication between all individuals directly concerned with EWC.
Audience -- EWC participants and staff, UH administrators, key faculty, National Review Board, Board of Regents and Washington officials.

East-West Center Fact Sheet

Issues -- 1 (Revised English Version, June 1974)
Copies -- 25,000
Purpose -- To provide a concise, inexpensive publication describing the Center's goals, programs and facilities to visitors and guests.

Chinese Language Fact Sheet

Issues -- 1 simplified version of April 1972 Fact Sheet
Copies -- 300
Purpose -- Provide general information about the Center to two groups of visitors from the People's Republic of China.

Japanese Garden Brochure

Issues -- 1
Copies -- 7,500
Purpose -- Provide Center visitors with history and botanical guide to Japanese garden.

APPENDIX C

Office of Publications and Public Affairs

PROGRAM PUBLICATIONS PRODUCTION

(Support from PPAO)

INSTITUTE BULLETINS

EWCI Bulletin 1973-74 (5,000 copies)
EWCLI Bulletin 1973 - 74 (5,000 copies)
EWPI Bulletin 1974-75 (6,745 copies)
EWTDI Bulletin 1973-74 (3,000 copies)

INSTITUTE NEWSLETTERS

EWCI Population IEC #13 (3,500 copies)
Reprint of above (500 copies)
EWCI Supplement #13 (3,500 copies)
Reprint of above (500 copies)
EWCI Population IEC #14 (4,000 copies)
EWCI Population IEC Supplement #14 (4,000 copies)
EWCI Population IEC #15 (4,000 copies)
EWCI Population IEC Supplement #15 (4,000 copies)
EWCI Population IEC #16 (4,000 copies)
EWCI Population IEC Supplement #16 (4,000 copies)
EWCI Population IEC #17 (4,500 copies)
EWCI Population IEC Supplement #17 (4,500 copies)
EWCI Population IEC Cumulative Supplement (4,500 copies)
EWCLI 2-2 (2,000 copies)
EWCLI 2-3 (2,000 copies)
EWCLI 2-4 (2,000 copies)
EWCLI 2-5 (2,000 copies)

INSTITUTE REPRINTS

Food Institute Reprint #2 (300 copies)
#3 (300 copies)
Population Institute Reprint #35 (600 copies)
#36 (600 copies)
#37 (600 copies)
#38 (600 copies)
#39 (485 copies)
#40 (460 copies)
#41 (550 copies)
#42 (550 copies)
#43 (700 copies)
#44 (700 copies)
#45 (500 copies)

INSTITUTE PAPER SERIES

EWCI Paper #4 (300 copies - reprint)
#5 (600 copies)
#6 (600 copies)
#7 (600 copies)
EWFI Paper #1 (500 copies)
#2 (250 copies)
EWPI Paper #28 (1,000 copies)
#29 (1,000 copies)
#30 (1,000 copies)
#31 (1,500 copies)
EWTDI Paper #1 (500 copies)
#2 (500 copies)
Open Grants Paper #1 (500 copies)
#2 (500 copies)

ANNOUNCEMENTS OF SPECIAL INSTITUTE ACTIVITIES

EWCI

Modular Program Announcement (and reprint)
Jefferson Fellowship Announcement

EWCLI

ESOL Administrators Project Announcement
ESOL Teacher Trainers Project Announcement
Educational Leadership Conference Announcement
Cultural Centers Program Announcement
Foreign/Second Language Workshop Announcement
Bilingual Education Project Announcement
Third Summer Seminar Announcement

EWPI

Third Census Conference Announcement
Fifth Summer Seminar Announcement

OTHER PUBLICATIONS

EWCI

Population Education Workshop Report (750 copies)
EWCI Institution Building Annual Report (500 copies)
IEC Commercial Resources Booklet (reprint 500 copies)
Pacific Islands Communication Workshop Report
(250 copies)
Communication and National Integration in Sundanese
Villages: Implications for Communication Strategy
(reprint 500 copies)

EWCLI

Topics in Culture Learning (3,000 copies)
Museum Management Workshop Report (300 copies)

EWFI

The Role of Irrigation Engineers in Irrigation Water
Management (700 copies)
Water Management for Intensified Agriculture: An
Indicative Plan (500 copies)
Report: Field Workshops on Irrigation Water
Management (300 copies)
Building Prawn Farming Systems: A Professional
Development Report (300 copies)
Management for Rural Development: Report of Middle
Level Manager's Management Skills Workshop
(500 copies)
Pest Management Workshop Proceedings (250 copies)

EWPI

Proceedings of the Third Population Census Tabulation
Workshop-Conference: Postcensal considerations
(500 copies)
Population Research in Thailand: A Review and
Bibliography (reprint 500 copies)
East-West Population Institute Annual Report
(400 copies)

EWTDI

- Project Feasibility Study and Evaluation Workshop
Proceedings (200 copies)
- Use of Ocean Technology in Developing Countries:
Consultant Report (200 copies)
- Feasibility Design and Implementation of Low Cost
Housing for Low Income Families: Proceedings of
TDI Adaptive Technology Workshop II (200 copies)
- The Role of Regional/Non Metropolitan Universities in
Local and National Development: Proceedings of a
TDI Workshop on Innovative Leadership (200 copies)

Open Grants

- Papers of the Seminar on the Humanities and the Goals
of Social Planning (500 copies)

Chancellor's Office

- Proceedings of Second Modernization Conference
(300 copies)

Participant Services Office (for admissions)

- Asian and American application forms (4,000 copies ea.)
- Letter of Reference (12,000 copies)
- 1974-75 Study Grant Posters (10,000 copies)
- Plus numerous NCR and other forms for admissions
purposes.

APPENDIX D

Office of Publications and Public Affairs

STAFF

Director

Robert B. Hewett

Photojournalist

Arnold Kishi

Information Specialist

Jeanne E. Nishida

Production Manager

Allene S. Tachibana

Public Affairs Officer

Kathryn Ulrey

Publications Officer

Mark E. Zeug

APPENDIX E

Seminar Participants in Joint ECAFE-Washington State Trade and Development Conference -- June 6-8, 1974

AFGHANISTAN

RAFIQ, Farid, Director General of Foreign Trade,
Ministry of Commerce.

BANGLADESH

ALAM, K. M. Badiul, Director - Marketing, Bangladesh
Food & Allied Industries Corporation.

KHAN, Ahmed Husain, Manager - Sales, Bangladesh
Paper & Board Corporation.

MANNAN, Abdul, Director - Finance, Bangladesh
Tanneries Corporation.

HONG KONG

CHEN, Dr. Chia-tsun, Head of Department of Business
Management, Hong Kong Baptist College.

MOBIUS, Dr. J. Mark, Managing Director, Mobius
Research & Development.

INDIA

CHAUDHRY, Surender Pal, Deputy Merchandising
Executive, Trade Development Authority.

INDONESIA

BAMBANG, Norojono, Bureau for External Trade
Relations, Department of Trade.

DARUS, Dr. Asjari, Assistant Director, Department of
Trade.

YASNI, Dr. Zainul, Chairman of Agricultural Products
Center, National Institute for Export Development.

MALAYSIA

HO, Thomas, Malaysian Trade Commissioner in San
Francisco.

SUBRAMANIAM, S., Director, FIDA of Malaysia in
San Francisco.

NEPAL

JYOTI, Maniharsha, Managing Director, Himal Iron &
Steel (P), Ltd.

PAKISTAN

MUFTI, Abdul Majid, Economic Minister and Financial
Adviser, Embassy of Pakistan, Washington, D.C.

PHILIPPINES

GARCIA, Edgardo, Department of Trade.

GONZALEZ, Jaime Valmonte, Executive Vice President,
Marketing, Foodmasters, Inc.

TSAI, Robert, President, Creative Packaging Industries
Company.

SINGAPORE

SEET, Yeo Chee, Marketing Executive, Yeo Hiap Seng,
Ltd.

YOONG, Jun Fah, First Secretary (Commercial),
Embassy of Singapore, Washington, D.C.

THAILAND

KASIVATE, Boonchai, Senior Technical Officer -
Marketing, Thailand Management Development and
Productivity Centre, Ministry of Industry.

SIVAYATHORN, Piya, Director - First Senior Vice
President, Bangkok Bank, Ltd.

VIRAVAN, Ueychai, Managing Director, J.F.B.
Company.

TRUST TERRITORY OF THE PACIFIC ISLANDS

DAMBACHER, Dudley, Chief, Economic Development
Division, Office of the High Commissioner.

DOMNICK, Charles, Member, House of Representatives,
Congress of Micronesia.

RECHUCHER, Eusebio Erungel, Director, Department
of Resources and Development.

WESTERN SAMOA

KRUSE, Hans Edward, Director of Economic
Development.

UN-ECAFE BANGKOK

AMRANAND, Prok, Chief, International Trade Division.

ARZADON, Bibiand B., Economic Affairs Officer,
International Trade Division.

PHANACHET, Umphon, Associate Economic Affairs
Officer, International Trade Division.

UNITED STATES

SMITH, Hugh A., Chairman, Washington State
Commission on Trade and Development.

WOOD-GAINES, Dennis, Coordinator, Washington
State Commission on Trade and Development.

ARNOLD, Wright H., Seattle-King County Economic
Development Council.

GENTRY, Wayne B., Washington State Department of
Commerce and Economic Development.

FOURTEENTH ANNUAL REPORT



CHANCELLOR'S REVIEW

COMMUNICATION INSTITUTE

CULTURE LEARNING INSTITUTE

FOOD INSTITUTE

POPULATION INSTITUTE

TECHNOLOGY AND DEVELOPMENT INSTITUTE

OPEN GRANTS

SUPPORT OFFICES